APRIL, 1928 NUMBER 253

THE UNIVERSITY OF NORTH CAROLINA RECORD

ANNOUNCEMENT OF THE

SUMMER SCHOOL

First Term: June 14-July 24
Second Term: July 25-August 31

1928

THE UNIVERSITY OF NORTH CAROLINA PRESS
CHAPEL HILL, N. C.

CALENDAR

Detailed announcements of lectures, conferences, and entertainments will be issued weekly while the Summer School is in session.

First Term

June 14, *Thursday*—Registration Day. (Extra fee of $2.50 for late registration after today).

June 15, *Friday*—Instruction begins in all departments at 8:00. (Those registering today—or tomorrow—will be required to pay an extra fee of $2.50 for late registration).

June 16, *Saturday*—Regular classes in all departments.

June 18, *Monday*—Those registering today—or tomorrow—will be required to pay an extra fee of $5.00 for late registration.

June 19, *Tuesday*—Registration for credit will not be permitted after 5:00 o'clock today, except by action of the Administrative Board.

July 4, *Wednesday*—Holiday. Patriotic Exercises, Memorial Hall, 10:30.

July 23-24, *Monday and Tuesday*—Examinations.

Second Term

July 25, *Wednesday*—Registration of new students. (Extra fee of $2.50 for late registration after today.)

July 26, *Thursday*—Instruction begins in all departments at 8:00. (Those registering today—or tomorrow—will be required to pay an extra fee of $2.50 for late registration).

July 28, *Saturday*—Regular classes in all departments.

July 30, *Monday*—Those registering today—or tomorrow—will be required to pay an extra fee of $5.00 for late registration.

July 31, *Tuesday*—Registration for credit will not be permitted after 5:00 o'clock today, except by action of the Administrative Board.

August 11, *Saturday*—Masters' theses may not be submitted after this date.

August 18, *Saturday*—Written examinations for the Master's degree.

August 29, *Wednesday*—Class instruction ends at 6:00.

August 30-31, *Thursday and Friday*—Final examinations.

JUNE

S.	M.	T.	W.	T.	F.	S.
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

JULY

S.	M.	T.	W.	T.	F.	S.
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

AUGUST

S.	M.	T.	W.	T.	F.	S.
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

TABLE OF CONTENTS

Calendar 2
Important Suggestions 5
Officers of Administration of University 6
Officers of Administration of Summer School 7
Staff of Instruction 9

PART I

General Information 16

PART II

Departments of Instruction (College and Graduate Division) 33
- Art History 33
- Biology 34
- Botany 34
- Chemistry 34
- Commerce 36
- Economics 36
- Education 38
- English 44
- French 58
- Geology 46
- German 47
- Government 49
- Greek 47
- History 47
- Latin 50
- Library Science 51
- Mathematics 52
- Music 53
- Physics 57
- Psychology 57
- Romance Languages 58
- Rural Social Economics 60
- Sociology 61
- Spanish 59
- Zoölogy 64

PART III

Division of Elementary Education 65
- Outline of Curriculum for Elementary Teachers 65
- Elementary Education 66
- English 69
- Fine Arts 69
- Practical and Industrial Arts 70
- Natural Science 70
- Social Science 70
- Writing 71

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IMPORTANT SUGGESTIONS

1. Have your room reserved in advance. (See p. 24, for information about dormitories).
2. Urge your room-mate to make reservation promptly; otherwise the management will have to assign some one to the room with you.
3. Before leaving home mark your trunk plainly, putting your own name on it and the name of the dormitory to which you have been assigned, and have it checked to Chapel Hill, N. C. If you make your reservation for the first term before June 1, or for the second term before July 15, a printed card giving your Chapel Hill address (room number and name of dormitory) and a baggage check will be sent to you. This card attached to your trunk or baggage will insure its prompt delivery, provided you DELIVER THE CHECK TO THE UNIVERSITY SUMMER SCHOOL OFFICIAL REPRESENTATIVE AT UNIVERSITY STATION.
4. Be sure to provide yourself with the necessary articles which you are expected to bring; bed linen, pillows, towels, etc. (See p. 26).
5. If convenient for you to do so, confer with your superintendent or principal and get his advice as to the course you should pursue in the Summer School.
6. Do not plan too much. Fifteen hours of class work a week is a reasonable amount to attempt. An extra charge of $5.00 is made for each course beyond this amount except in the case of students registered in the Division of Elementary Education.
7. Decide before coming that you will stay the full term. No credit will be given for a shorter period than a term. Those who possibly can remain for both terms will find it greatly to their advantage to do so, since double credit may be earned toward meeting the requirements for the University's degrees or for State certification.
8. Be present for the first roll-call. The person who begins his work a day or two late is obliged to labor under a handicap. Work will start promptly as scheduled, and the pace will be brisk. Note also that an extra fee of $2.50 is charged for late registration. (See page 2).
9. Registration for credit for the first term will not be allowed after Tuesday, June 19, nor for the second term after Monday, July 30.
10. Please note that certain courses will not be given unless applied for in advance.
11. Be sure to instruct your correspondents to put the name of the dormitory in which you room and your room number on any mail sent to you while in Chapel Hill. If this is done, it will insure prompt delivery; otherwise delivery will be delayed several hours.
12. If, after examining this bulletin carefully, there is further information you desire, address N. W. Walker, Director of the Summer School, Chapel Hill, N. C.

OFFICERS OF ADMINISTRATION

THE UNIVERSITY

HARRY WOODBURN CHASE, Ph.D., LL.D., *President.*
WALTER DALLAM TOY, M.A., *Secretary of the Faculty.*
THOMAS JAMES WILSON, JR., Ph.D., *Registrar.*
CHARLES THOMAS WOOLLEN, *Business Manager.*
LOUIS ROUND WILSON, Ph.D., *Librarian.*
FRANCIS FOSTER BRADSHAW, M.A., *Dean of Students.*
MRS. MARVIN HENDRIX STACY, *Adviser to Women.*
ROBERT ALLISON FETZER, B.S., M.A., *Director of Athletics.*
GEORGE KENNETH GRANT HENRY, Ph.D., *Assistant Registrar.*
JULIUS ALGERNON WARREN, *Treasurer and Bursar.*
LIVINGSTON BERTRAM ROGERSON, *Auditor.*
CHARLES MELVILLE BAKER, A.M., B.L.S., *Assistant Librarian.*
ROBERT BURTON HOUSE, A.M., *Executive Secretary.*
RUSSELL MARVIN GRUMMAN, B.H., *Acting Director Extension Division.*
ROBERT BAKER LAWSON, M.D., *Director of the Gymnasium.*
ERIC ALONZO ABERNETHY, B.S., M.D., *University Physician.*
HARRY FULCHER COMER, B.S., *General Secretary Y. M. C. A.*

THE COLLEGES AND SCHOOLS

ADDISON HIBBARD, M.A., *Dean of the College of Liberal Arts.*
ANDREW HENRY PATTERSON, A.M., Sc.D., *Dean of the School of Applied Science.*
NATHAN WILSON WALKER, A.B., Ed.M., *Acting Dean of the School of Education.*
DUDLEY DEWITT CARROLL, M.A., *Dean of the School of Commerce.*
JAMES FINCH ROYSTER, Ph.D., *Dean of the Graduate School.*
*CHARLES TILFORD MCCORMICK, B.A., LL.B., *Dean of the School of Law.*
†ISAAC HALL MANNING, M.D., *Dean of the School of Medicine.*
†EDWARD VERNON HOWELL, A.B., Ph.G., *Dean of the School of Pharmacy.*
*GUSTAVE MAURICE BRAUNE, C.E., *Dean of the School of Engineering.*
HOWARD WASHINGTON ODUM, Ph.D., *Director of the School of Public Welfare.*

* The summer sessions of the School of Law and the School of Engineering are operated independently of the Summer School. Any one desiring information about the summer session of either of these schools should communicate directly with the Dean of the School in which he is interested.

† The Schools of Medicine and Pharmacy are not in operation in the summer.

SUMMER SCHOOL OFFICIALS

HARRY WOODBURN CHASE, Ph.D., *President of the University.*
NATHAN WILSON WALKER, A.B., Ed.M., *Director of the Summer School.*
MRS. A. C. PICKARD, *Secretary of the Summer School.*
CHARLES EUGENE MCINTOSH, A.B., *Assistant to the Director.*
THOMAS JAMES WILSON, JR., Ph.D., *University Registrar.*
GEORGE KENNETH GRANT HENRY, Ph.D., *Assistant Registrar.*
CHARLES THOMAS WOOLLEN, *Business Manager of the University.*
JULIUS ALGERNON WARREN, *Treasurer and Bursar.*
MRS. M. H. STACY, *Adviser to Women.*
MRS. HARVEY BONEY, *Assistant to Adviser to Women.*
MISS LILLIAN LONG, *Assistant Secretary.*

The Administrative Board

NATHAN WILSON WALKER, A.B., Ed.M., *Acting Dean of the School of Education and Director of the Summer School.*
JAMES FINCH ROYSTER, Ph.D., *Dean of the Graduate School.*
ADDISON HIBBARD, M.A., *Dean of the College of Liberal Arts.*
DUDLEY DEWITT CARROLL, M.A., *Dean of the School of Commerce.*
ANDREW HENRY PATTERSON, A.M., Sc.D., *Dean of the School of Applied Science.*
FRANCIS FOSTER BRADSHAW, M.A., *Dean of Students.*
HOWARD W. ODUM, Ph.D., *Director of the School of Public Welfare.*
PAUL JOHN WEAVER, B.A., A.A.G.O., *Professor of Music.*
THOMAS JAMES WILSON, JR., Ph.D., *University Registrar.*
CHARLES THOMAS WOOLLEN, *Business Manager of the University.*
ROBERT BURTON HOUSE, A.M., *Executive Secretary of the University.*

Other Officials

The Library: LOUIS ROUND WILSON, Ph.D., Librarian; CHARLES MELVILLE BAKER, A.M., B.L.S., Assistant Librarian; MISS NORA BEUST, B.A., in charge of the School of Education Library.
The Infirmary: ERIC ALONZO ABERNETHY, S.B., M.D., Physician; EDNA GRAY WOMACK, R.N., Head Nurse; MISS ANNABELLE MILLER, R.N., Assistant Nurse.
The Gymnasium: ROBERT BAKER LAWSON, M.D., Director.
Y. M.-W. Christian Association: HARRY FULCHER COMER, B.S., General Secretary.
Teachers' Bureau: ISAAC CEBERN GRIFFIN, Secretary.
Social Activities: HARRY FULCHER COMER, B.S., Chairman of the Committee on Social Activities.
Buildings and Grounds: A. A. PICKARD, Superintendent of Grounds; P. L. BURCH, Superintendent of Buildings.

Hostesses in Charge of Dormitories

Mrs. Harvey Boney and Miss Ethel M. Wilson, Old East Building.

Mrs. W. A. Wiley and Miss Allie Cothran, Old West Building.

Mrs. A. R. Wilson, Carr Building.

Mrs. R. E. Moseley and Mrs. J. Y. Paris, Steele Building.

Mrs. E. F. McKinney and Mrs. Mabel Foy, Grimes Building.

Mrs. M. A. Honeycutt and Mrs. Annie L. Baldwin, Manly Building.

Mrs. N. G. Penney and Mrs. Susie A. Bardin, Mangum Building.

Miss Hester Struthers and Mrs. Estelle Pittman, Ruffin Building.

Mrs. R. L. Hoke and Mrs. Minnie C. Flack, "F" Building.

Mrs. J. T. Hatcher and Mrs. D. P. Whitley, "G" Building.

Mrs. F. M. Tucker and Mrs. L. F. Henderson, "J" Building.

STAFF OF INSTRUCTION

Members of University's Regular Staff

NICHOLSON BARNEY ADAMS, Ph.D. ..... SPANISH
Associate Professor of Spanish (Second Term)

RAYMOND WILLIAM ADAMS, A.M. ..... ENGLISH
Instructor in English (Second Term)

CHARLES MELVILLE BAKER, A.M., B.L.S. ..... LIBRARY SCIENCE
Professor of Library Administration and Assistant Librarian (First Term)

KEY LEE BARKLEY, A.M. ..... PSYCHOLOGY
Instructor in Psychology (First Term)

CECILIA HATRICK BASON, M.A. ..... ELEMENTARY EDUCATION
Assistant Professor of Education (First Term)

CHARLES DALE BEERS, Ph.D. ..... ZOOLOGY
Assistant Professor of Protozoology (First Term)

JAMES MUNSIE BELL, Ph.D. ..... CHEMISTRY
Smith Professor of Chemistry (First Term)

WILLIAM STANLY BERNARD, A.M. ..... GREEK
Professor of Greek (First Term)

NORA BEUST, A.B. ..... LIBRARY SCIENCE
Librarian, School of Education (Both Terms)

RALPH WALTON BOST, M.A. ..... CHEMISTRY
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WILLIAM PEW BRANDON, B.Ph., M.A. ..... HISTORY
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EUGENE CUNNINGHAM BRANSON, A.M., Litt.D. ..... RURAL SOCIAL ECONOMICS
Kenan Professor of Rural Social Economics (First Term)

FREDERICK PHILLIPS BROOKS, Ph.D. ..... CHEMISTRY
Assistant Professor of Bio-Chemistry (Second Term)

LEE MARSHALL BROOKS, A.M. ..... SOCIOLOGY
Instructor in Sociology (Second Term)

KENT JAMES BROWN, Ph.D. ..... GERMAN
Professor of German (First Term)

EDWARD TANKARD BROWNE, Ph.D. ..... MATHEMATICS
Associate Professor of Mathematics (Second Term)

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Assistant Professor of Geography and Geology (First Term)

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Associate Professor of History (First Term)

DUDLEY DEWITT CARROLL, M.A. ..... ECONOMICS
Professor of Economics and Dean of the School of Commerce (First Term)

HARRY MORRIS CASSIDY, Ph.D. ..... ECONOMICS
Associate Professor of Economics (Second Term)

JOHN NATHANIEL COUCH, Ph.D. ..... BOTANY
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HARRY WOLVEN CRANE, Ph.D. ..... PSYCHOLOGY
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HORACE DOWNS CROCKFORD, Ph.D. ..... CHEMISTRY
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ERNEST RUTHERFORD GROVES, A.M. ..... SOCIOLOGY
Research Professor of Sociology (First Term)

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Graduate Student, University of Michigan, Ann Arbor, Mich. (Both Terms)

WELTHIE BUKER, M.A. ..... ELEMENTARY EDUCATION
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INEZ FIELD DAMON, B.A. ..... MUSIC
Head, Department of School Music, State Normal School, Lowell, Mass. (First Term)

EDITH ELIZABETH FARRELL ..... EDUCATION
Counselor, Edgar Allan Poe School, Philadelphia, Pa. (First Term)

MARY FLOURNOY ..... LIBRARY SCIENCE
Field Organizer for N. C. Library Commission, Raleigh, N. C. (First Term)

ELMER H. GARINGER, A.M. ..... EDUCATION
Principal, Central High School, Charlotte, N. C. (Both Terms)

ELLA MARSH HAYES ..... MUSIC
Supervisor of Music, Public Schools, Newport News, Va. (First Term)

JOHN P. HERRING, Ph.D. ..... EDUCATION
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FRAZER HOOD, Ph.D. ..... EDUCATION
Professor of Psychology and Education, Davidson College, (Second Term)

CALVIN BRYCE HOOVER, Ph.D. ..... ECONOMICS
Professor of Economics, Duke University, Durham, N. C. (First Term)

MARY HUFHAM, M.A. ..... ELEMENTARY EDUCATION
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MARY HYMAN, B.A. ..... ELEMENTARY EDUCATION
Supervisor of Elementary Schools, Orange County, N. C. (Both Terms)

THEODORE HENLEY JACK, Ph.D. ..... HISTORY
Professor of History and Dean of the Graduate School, Emory University, Ga. (First Term)

LILY NELSON JONES ..... WRITING
Supervisor of Writing, Durham City Schools, Durham, N. C. (First Term)

HAZEL GERTRUDE KINSCELLA, B.Mus., M.A. ..... MUSIC
Professor of Music, University of Nebraska, Lincoln, Neb. (First Term)

WILLIAM HARRELL LAURITSON, A.M. ..... ELEMENTARY EDUCATION
Supervisor of Physical Education Junior High Schools and Supervisor of Summer Playgrounds of City Schools Lincoln, Neb. (Both Terms)

ROGER PHILIP McCUTCHEON, Ph.D., ... ENGLISH
Professor of English, Tulane University, New Orleans, La. (Second Term)

JOHN HOLMAN McFADDEN, A.M. ..... PSYCHOLOGY
Graduate Student, University of N. C. (Both Terms)

HARRY CURTIS MITCHELL, Ph.D. ..... HISTORY
Professor of History, University of Maine, Orono, Me. (Both Terms)

THOMAS GRANVILLE PULLEN, JR., A.M. ..... EDUCATION
Principal, Catonsville High School, Catonsville, Md. (Both Terms)

CHARLES WILLIAM RAMSDELL, Ph.D. ..... HISTORY
Professor of History, University of Texas, Austin, Texas (Second Term)

NELLY REUSCHEL ..... MUSIC
Instructor, Institute of Musical Art, New York City (First Term)

FREDERICK CARLYLE SHEPARD, M.A. ..... EDUCATION
Graduate Student University of North Carolina (Both Terms)

VESTA M. SHIMEL, M.A. ..... ELEMENTARY EDUCATION
Supervisor of Industrial Arts Department, Grand Rapids Junior College, Grand Rapids, Mich. (First Term)

BENJAMIN ALONZO STEVENS, A.M. ..... EDUCATION
Formerly Associate Professor of Education, University of N. C. (Both Terms)

THOMAS BRADLEY STROUP, A.M. ..... ENGLISH
Instructor, Georgia School of Technology (Second Term)

JOSEPHINE SWIFT, M.A. ..... FINE ARTS
Department of Fine Arts, University of Cincinnati, Cincinnati, Ohio (First Term)

CHARLES GRAVES VARDELL, JR., B.A. ..... MUSIC
Dean, School of Music, Salem College, Winston-Salem, N. C. (First Term)

HAZEL GANTT WEAVER, A.B. ..... MUSIC
Chapel Hill, N. C. (First Term)

JOHN L. WILSBACH, M.A. ..... MUSIC
Instructor in Music, Lincoln School, New York City (Second Term)

INTRODUCTORY STATEMENT

Historical Note

The old "Summer Normal" at the University was a pioneer in the summer school field. It was established in 1877 by Dr. Kemp P. Battle, and it seems to have been the first of its kind in America. It ran for eight years, and enrolled 2,480 teachers and students. It suspended in 1884.

Revived in 1894, the Summer School ran eleven years during its second period of usefulness, until 1904, when it was again suspended. During this period 1,541 teachers and students were enrolled.

It was revived again in 1907. It has continued to grow and prosper ever since, despite the World War, and notwithstanding the fact that several other summer schools have been organized in other parts of the State. In 1927, 1,684 students were enrolled in the first term, and 849 in the second term.

PART I—GENERAL INFORMATION

The Summer Session: June 14-August 31

The 1928 session of the University Summer School will open on Thursday, June 14, and continue for twelve weeks, closing on Friday, August 31. The session will be divided into two terms of six weeks each. The first term will begin on Thursday, June 14, and close on Tuesday, July 24. The second term will begin on Wednesday, July 25, and close on Friday, August 31.

Registration

The regular time for registration for the first term will be Thursday, June 14. All students of the Summer School should try to be present and register on that day, as the regular class work will begin promptly at 8:00 on Friday morning, June 15. Moreover, there is an extra fee for delayed registration. For those registering June 15 or 16, the extra fee is $2.50. For those registering June 18 or 19, the extra fee is $5.00. Registration for credit will not be permitted in the first term after 5:00 o'clock Tuesday, June 19, nor in the second term after 5:00 o'clock Monday, July 30.

Those Who May Be Admitted

Registration in the Summer School will be limited to those applicants who can qualify for admission under one of the following provisions.

1. Those who can satisfy the University's requirements for admission as given in the annual catalogue. The entrance requirements for admission to the University are fifteen units secured by graduation from a standard four-year secondary school. In order to be accepted as a candidate for a degree the student must meet the specific requirements laid down by the school or college in which the degree is conferred.

2. *Teachers holding regular State certificates.*

3. *Applicants for State certificates who have graduated from schools accredited by the State Department of Education.*

4. *Special students who are neither candidates for degrees nor applicants for State teachers' certificates* may be admitted under the University's general regulations covering such cases. They must be twenty-one years of age or over.

For Whom Courses Are Planned

Professional and Cultural Courses are planned for:

1. Teachers of Primary Grades.
2. Teachers of Grammar Grades.
3. High School Teachers and Principals.
4. Teachers of Special Subjects.
5. County and City Superintendents and Supervisors.
6. College and University students who desire to earn extra credit toward their degrees.
7. Graduate students, teachers and others wishing to pursue professional and cultural courses leading to advanced degrees.
8. Librarians.

Divisions of the Summer School

The Summer School is organized into three general divisions, as follows:

The College Division
The Graduate Division
The Division of Elementary Education

In the College Division falls all the undergraduate work offered in the following schools:

The College of Liberal Arts
The School of Education
The School of Commerce
The School of Applied Science
The School of Public Welfare

In the Graduate Division, or the Graduate School, fall all the courses carrying strictly graduate credit as well as courses for advanced undergraduates when such courses are elected by graduate students for credit toward the higher degrees, by whatever department or in whatever school they are given.

In the Division of Elementary Education fall the courses designed especially for elementary teachers in accordance with the regulations of the State Department of Education.

The courses offered in the College and Graduate Division (See Part II) are given by the regular departments of the University and carry credit toward the several degrees under the same regulations as in the regular college year.

The Division of Elementary Education (See Part III) is operated as one of the divisions under the direction of the School of

Education. The courses offered in this Division are designed to meet the needs of teachers of the Primary and Grammar Grades of the public schools.

Summer School Credits

In order to understand the credit allowances for work accomplished in the Summer School, and the total amount of credit that may be earned in one term or both, it is necessary to bear in mind the specific ends for which credit is sought or may be granted. It is further necessary to keep clearly in mind the University's technical meaning of the word *course* as distinguished from the popular meaning of the word, as for example, "summer school *course,*" meaning simply any subject pursued for six weeks. It is important, therefore, that the following definitions and distinctions concerning credits in the College and Graduate Divisions be borne in mind.

The University expresses its degree requirements, and consequently its credits toward graduation, in terms of *courses* and not in terms of *semester hours* as is the more common practice among colleges and state departments of education. The regular college year is divided into three quarters and not two semesters as is the case in most institutions. The two terms of the Summer School together constitute a fourth or extra quarter. A course pursued through a quarter, classes meeting five or six times a week, carries a credit of one *course.* Thirty-six *courses* are required for graduation with the degree of A.B. or A.B. in Education. These thirty-six courses are equal to 121⅓ or more semester hours. The University's course, therefore, is equal to from 3⅓ to 4 semester hours. The Summer School course meeting five or six times a week for six weeks carries a credit of ½ *course,* or a credit of from 1⅔ to 2 *semester hours.** A Summer School course meeting ten or more times a week for six weeks carries a credit of one *course* or, from 3⅓ to 4 semester hours. A summer school course meeting five times a week through both terms carries a credit of one *course.*

Three *courses* constitute the student's normal load of work for the regular quarter and for the two terms of the Summer School. (Students in the graduate division are limited strictly to this amount of credit per quarter.) The undergraduate student may, if the Dean of the School in which he is registered approves, carry four courses and earn credit for four *courses.* Three half-courses (or one and one-half *courses*) constitute the student's usual load of work for one term of the Summer School. A student may, however, if his Dean approves, carry four half-courses (that is, four summer

* Those interested in certification credit will note that the North Carolina State Department of Education allows certification credit of two semester hours for each *half-course,* as here defined, and four semester hours for each *course* completed in an accredited Summer School.

school courses) in one term. The total amount of credit that may be earned on a three-course or a four-course program in one term of the Summer School may range from 5 to 8 semester hours, depending upon the courses chosen and the purpose for which credit is desired.

Standard of Work

The standard of work in courses given for University credit will be in all respects that of the corresponding courses as given during the regular session, as these courses are an integral part of the work of the University. It is the hope of the University that, by giving such courses, increased service may be rendered to the growing body of teachers in the State who have already completed college courses or done some work of college grade and who now desire while in service to improve themselves along both professional and cultural lines.

Courses of Freshman and Sophomore grade will not be credited as graduate work. Courses of Junior and Senior grade if marked C. or G. in the statement of courses below (See Part II of this announcement), may be given such credit as indicated in the regulations below. Definite information about the different credits that certain courses carry can be obtained at the time of registration.

Term Reports and Grades

After the close of each term reports of the standing of all students in all their studies are sent to the student. The reports are based upon the following system of marking:

Grade A, Excellent
Grade B, Good
Grade C, Fair
Grade D, Barely passed
Grade E, Conditioned
Grade F, Failed
Grade I, Work incomplete

A student must attain a grade of D to pass in any study. Grade E indicates that the student is conditioned but may remove the deficiency by special examination, as explained above. Students receiving grade F must repeat the study to receive any credit for the same.

Grades for each graduate course completed are reported to the Dean and to the Registrar. These grades are as follows:

"High," which represents work of distinction.

"Passed," which represents satisfactory work.

"Failed," which represents work that is unsatisfactory for graduate credit.

No work falling below the standard represented by the grade of "Passed" is counted for graduate credit. If, in the judgment of the Administrative Board, the quality of the work done by any student falls below the standard expected of graduate students, the registration of such a student will be cancelled.

Degrees: When Conferred

Degrees are conferred at the annual commencement in June and at the close of the second term of the Summer School. Degrees conferred at the close of the Summer School are awarded without academic ceremony.

Admission to Undergraduate Courses

Applicants for admission to courses of Freshman grade must satisfy the requirements for entrance as laid down in the University catalogue. These requirements comprise a total of 15 units selected from the subjects of English, foreign languages (ancient and modern), history, mathematics and science, and vocational subjects. For details the applicant is referred to the University catalogue.

Applicants for courses of advanced grade must furnish evidence of work of college grade completed at this or another institution. Such evidence must consist of the official statement from the institution where the work was done, showing definitely the courses pursued and the amount of credit recorded. Admission to specific courses will be determined in each case by the department on the basis of previous preparation.

Application for admission to undergraduate courses should be sent in advance to the Director of the Summer School. This application should be accompanied by certificates of preparation, or official statements from other institutions that the applicant has attended, and a list of the courses the applicant desires to pursue. Blanks for this purpose will be furnished on request.

The Graduate School

The Summer School offers excellent opportunities for carrying on advanced work in many fields of learning. Graduates of standard colleges are admitted to the Graduate School during the summer term on precisely the same basis as in the regular sessions. Such students may become candidates for advanced degrees or may register as special students in such courses as they desire.

Students who wish to pursue in the Summer School courses leading to the Master's degree should, if possible, bring with them when they register a transcript of their college credits. The candidate must have a reading knowledge of French and German in case the professor in charge of his major work regards this as necessary

for efficient work. In case he has not had sufficient training in certain departments to enable him to pursue strictly graduate courses, provision may be made in the Summer School for the making up of such deficiency.

No student will be allowed to carry during any one summer quarter, work which amounts to more than three courses toward the degree.

1. *Admission.* Holders of degrees from standard colleges are admitted without examination upon presentation of their credentials. It will save time at registration if these credentials are submitted in advance of the opening of the Summer School.

Admission to the Graduate School is not the same as admission to candidacy for a higher degree. For admission to candidacy for a degree a student must have been in residence in the Graduate School for one quarter or two summer terms. Action on each case is postponed until the student has progressed sufficiently to make possible the planning of his course. This does not imply any increase in the length of time necessary for the attainment of the degree. It means simply that the individual record of each student, undergraduate as well as graduate, is taken into account in determining what must be done in order to secure the degree.

2. *Regulations as to Courses.* While graduate students may register for any of the courses offered by the Summer School Faculty, no courses will count for credit towards an advanced degree unless they are classified as graduate courses in this bulletin or in the Catalogue of the Graduate School. These courses must be selected in accordance with the rules for major and minor subjects set forth in the catalogue issue of the Graduate Catalogue. In general, this means that two-thirds of a candidate's work during his entire period of residence (three summers being the usual time required) must be from one department, the remaining one-third being from a closely allied minor department.

3. *Requirements for the Master's degree.* For a detailed description of the requirements for the degrees of Master of Arts and Master of Science, the student is referred to the catalogue issue of the Graduate Catalogue. These rules are the same in their application to Summer School students as in the case of students registered for the regular sessions. Teachers of experience whose credentials and work are satisfactory to the Administrative Board may complete the requirements for the master's degree in two and one-half summer quarters. Students may continue their studies during the year under the direction of the special committee in charge of their work, and may do part of the work required for their theses in this manner. In certain approved cases, also, a limited amount of credit may be transferred for work done in another university. Every such case is treated individually and must be

approved by the Administrative Board, on recommendations of the department of major study, at the time application is made for admission to candidacy for a higher degree. Students who are not admitted under these special conditions will find three full summer quarters necessary for the completion of the requirements for the Master's degree.

The thesis must be written in accordance with provisions stated in the Graduate Catalogue. It may count not to exceed two courses. This thesis may be handed in, and the final oral and written examinations may be taken, at any time during the year. (See scheduled dates on the calendar.) The Master's degree is conferred at commencement in June and at the end of the second term of the Summer School.

4. *Further Information.* All students who purpose to do work leading to an advanced degree should read carefully the catalogue issue of the Graduate Catalogue, which will be sent on application to the Dean of the Graduate School.

Summer School Certificates and Professional Credits

At the close of each term regular examinations will be held, and certificates will be issued to those who pass satisfactory examinations on the courses pursued. These certificates state definitely the courses pursued and the grades attained.

Records of all students desiring professional credit with the State Department of Education will be sent to the Director of Certification immediately after the close of each term of the Summer School, provided record cards, furnished for this purpose by the State Department of Education, have been carefully filled out by such students and turned in to the office of the registrar.

Teachers' Bureau

A Teachers' Bureau is maintained during the Summer School for the benefit of teachers desiring a change in position. Many applications for teachers are received each year while the Summer School is in session, and many superintendents visit the Summer School for the purpose of employing well qualified teachers. In order that the management may keep closely in touch with available teachers and be enabled thereby to render prompt service to school officials applying for teachers, all well qualified applicants in attendance are invited to register with the Teachers' Bureau. A nominal fee of 50 cents is charged to cover a part of the cost of necessary incidentals. Applicants are expected to file with the Bureau photograph and typewritten testimonials or letters of recommendation.

The Library

The University Library, containing more than 167,000 volumes, will be open daily to the students of the Summer School. Excellent opportunities are here afforded the students for wide reading and special research.

The Gymnasium

During the Summer School the Gymnasium will be used for the classes in Physical Education and for Social activities conducted under the auspices of the Y. W.-M. C. A.

The Infirmary

During the Summer School the University Infirmary will be open for the convenience of the students in attendance. The Infirmary will be under the direction of Dr. Eric A. Abernethy, Physician to the Summer School, and a Registered Nurse, who, with an assistant, will be constantly in attendance. There will be no extra charge for the services of the Physician or of the Nurse, except in cases of prolonged and serious illness necessitating a special nurse. The Summer School Physician will be at the Infirmary two periods a day for consultation and advice. At these hours students of the Summer School will be given the opportunity to consult the Physician about any matters pertaining to their health.

Registration and Tuition Fees

Each matriculate in the Summer School is required to pay a flat registration fee of $15.00 for each term.

In addition to the registration fee, a tuition fee of $12.50* for each term will be charged all matriculates who are not teachers in the schools of North Carolina. (For conditions under which free tuition is granted to teachers, see below under "Free Tuition for Teachers.") The payment of the $12.50* tuition fee will permit students to register for three summer school courses, or fifteen hours work per week. If a fourth course is desired, an additional fee of $5 will be required. For a detailed statement of the various fees charged and the purposes for which they are charged see below under "Summary of Fees and Expenses."

Train Schedules

There are two trains a day, except Sunday, from University Station to Chapel Hill. The noon train arrives at 11:55 and the evening train at 5:15. Those who can conveniently do so would do well to arrange their trip so as to reach Chapel Hill on the noon

* For students who are not residents of North Carolina, the tuition fee (for three courses) is $16.67.

train. Be sure to buy your ticket to Chapel Hill Station and have your baggage checked to this point (and not to the University Station, which is ten miles or more from the University).

Delivery of Baggage

The Summer School management will deliver the baggage of students at their dormitories, provided their checks are given only to the official representative of the Summer School at University Station or at Chapel Hill Station. During the registration periods a Bureau of Information will be maintained at University Station, and an official representative of the Summer School will be on hand to take up baggage checks and give such information as incoming students may desire. Give your checks to this representative and your baggage will be delivered promptly and without charge if you occupy a room in one of the University dormitories. A charge will be made for trunks delivered off the campus.

Table Board

Good table board will be furnished at *Swain Hall* for $35.00 a term, payable at the beginning of the term. Seven hundred boarders can be accommodated at *Swain Hall.*

Dormitory Accommodations

For the accommodation of ladies in attendance upon the Summer School the following buildings will be open: *Old East, Old West, Steele, Grimes, Manly, Mangum, Ruffin, "F," "G,"* and *"J" Dormitories.* Reservation of rooms may be made at any time.

For the accommodation of men in attendance upon the Summer School the following dormitories will be open: *Battle, Vance, Pettigrew Dormitories.*

Carr Building will be held for married couples.

Mary Ann Smith Building which was formerly a dormitory has been converted into a club house for male graduate students. Applications for reservations in Smith Building should be made to the Manager of the Graduate Club, Chapel Hill, N. C.

During the Summer School each of the dormitories for women will be in charge of a capable chaperone who will see that the University's regulations regarding the health, comfort, and safety of the students are carried out, and who will be always ready to give the young ladies such advice and assistance as they may need.

Shower baths in all dormitories.

Carr Building contains 32 rooms and will accommodate 70 students.

Battle, Pettigrew, and *Vance* dormitories contain 72 rooms en suite and will accommodate 144 students, 4 students to the suite.

Old East Building contains 39 rooms and will accommodate 75 students.

Old West Building contains 39 rooms and will accommodate 75 students.

Steele Building contains 36 rooms and will accommodate 70 students.

Grimes, Manly, Mangum, and *Ruffin Dormitories* contain 45 rooms each, and will accommodate 90 students each.

"F," "G" and *"J" Dormitories* contain 56 rooms each, and will accommodate 112 students each.

Room rent in any of these dormitories is $7.50 per student (two, three or four to the room) for the term of six weeks, *payable in advance.*

Rooms in the University dormitories will not be ready for occupancy by the Summer School students until Wednesday noon, June 13.

Spencer Building

The Cornelia Phillips Spencer Building will be open this summer to the Summer School. It contains a large social room, dining room, twenty-six double and eight single bedrooms. Running water is furnished in all rooms, and bath rooms are convenient. The arrangement is that of a large comfortable home. The rates are as follows: single room per month $20.00, double room per month $25.00 ($12.50 each) and board per week is $7.00. All persons living in the Woman's Building are required to have meals in the dining room there. A deposit fee of $5.00 must be paid at time reservation is made. Please make check payable to the University of North Carolina, and send to Mrs. M. H. Stacy.

Regulations Concerning Women Students

All women students of the Summer School under 24 years of age, except residents of the Chapel Hill community who live at home, are required to live in the University dormitories.

Wherever women students of the Summer School reside they are under the supervision of the Adviser to Women and the chaperons and are expected to conform to the general regulations prescribed for women students.

Reservations Must Be Made in Advance

Students desiring rooms in the University buildings must have their reservations made in advance, or the management cannot guarantee to them accommodations. Each application for a reservation should be accompanied by a check for $7.50 to cover room rent for the term. *Make all checks payable to the University of North*

Carolina. Application should be made to the Director of the Summer School prior to June 1, in order that applicants may be notified before leaving home whether or not their reservations have been made as requested.

Those who find it necessary to communicate with the Summer School office by telephone about reservations should call Mrs. A. C. Pickard, Secretary, through whom all dormitory reservations for the Summer School are made.

What the Student Must Furnish

Students occupying rooms in the University dormitories must furnish their own bed linen, pillows, towels, etc. Each student who secures a room in one of these dormitories will be expected to bring the following articles:

1 pillow.
2 pairs pillow-cases.
2 pairs of sheets (for single bed).
2 counterpanes.
6 towels.

Laundry Department: Fee

The University owns and operates a modern laundry which is conducted on a strictly scientific basis. Students (except those who live with their families in Chapel Hill) are required to send their work to the University laundry. A laundry fee of $6.00 to be paid at the time of registration is required of each student, against which a charge is made for the work done. If the amount of work done exceeds the amount of this deposit, the student is required to pay the excess. If the amount of work done is less than the deposit, the balance is refunded, except that a minimum average charge of twenty-five cents per week will be made.

All work is accepted on piece-price basis. The charges are exceedingly reasonable and are made strictly in accordance with the cost of operation. This enables the students to get their laundry work at a cost below the usual commercial prices.

The laundry accepts complete responsibility for all goods intrusted to its care and will pay for any articles lost or damaged.

Books and Materials

Students of the Summer School will be expected to provide themselves with all books and materials required for their individual use in the courses pursued. Most of the texts to be used are announced in connection with the description of the various courses. Students may procure their books before coming to the Summer School, or they may get them here at the Book Exchange, at the usual market prices.

Schedule

In the Summer School schedule the day is divided into periods as follows:

Morning Hours

First Period	8:00 to 9:00
Second Period	9:00 to 10:00
Third Period	10:00 to 11:00
Fourth Period	11:00 to 12:00
Fifth Period	12:00 to 1:00

Afternoon Hours

First Period	2:00 to 3:00
Second Period	3:00 to 4:00
Third Period	4:00 to 5:00
Fourth Period	5:00 to 6:00

A daily schedule of recitations showing the hours and places of meeting for the various classes should be secured by each student at the time of registration.

Vesper Service

The University Summer School recognizes the daily vesper service as the official devotional period for the campus. Vesper service will be held immediately following supper each evening, except Saturday and Sunday, on the lawn under Davie poplar, or in Gerrard Hall in case of rain. This service will be of fifteen minutes length, and will consist of songs, scripture reading, and prayer. Attendance is voluntary. There will be no chapel service apart from the vesper service.

Recreation and Entertainment

In addition to the regular courses of instruction scheduled in the various departments, there will be some form of recreation and entertainment provided each week while the Summer School is in session. The program of attractions for 1928 will appear in the Complete Announcement to be issued in April.

Reduced Fares

Reduced railroad rates on the round trip identification plan have been authorized from all stations in North Carolina, South Carolina, and Virginia (except those on the Richmond, Fredericksburg and Potomac Railroad, and Winston-Salem Southbound Railway), also from Augusta, Georgia, and Washington, D. C.

Expenses for Each Term

Not counting the cost of such variable items of expense as travel, books and materials (including laboratory fees), and laundry, and excluding all other incidental and extra charges, the fixed items of

expense, each term, for those who live in the college dormitories and take their meals at Swain Hall, are as follows:

	Each Term
Table Board at Swain Hall	$35.00
Room in University Dormitory	7.50
Registration Fee (on Regular Registration Days)	15.00
Tuition Fee‡	12.50*
Total (for those who are not Teachers)	$70.00
Exemption for Teachers (Registration Limited to 3 courses)	12.50*
Total for Teachers (Registration Limited to 3 courses)	$57.50

A Laundry Fee of $6.00 will be charged all registrants at the time of registration. (See Laundry Department: Fee, page 15.)

Free Tuition for Teachers†

Teachers now in service in the schools of North Carolina and residents of the State who are preparing to teach may be exempt from the payment of the $12.50 tuition fee under the following conditions:

1. They must be eligible to enter the Summer School.
2. They must file an application for the tuition exemption at the time of registration.
3. Residents of the State who are preparing to teach will be required to sign the usual teacher's agreement to teach in North Carolina or to pay the tuition within a given length of time in case they do not teach.
4. Those who are not residents of the State, but who at the time of registration have been employed to teach in North Carolina for the year 1928-'29 will be accorded the same free tuition privileges as if they were residents of the State preparing to teach.
5. All students availing themselves of the free tuition privilege for teachers will be required to satisfy the State's professional requirements for the class of certificate they are seeking, or the professional requirements for that class of certificate next above the class of certificate now held. This does not mean that the professional requirements must be met in full in the summer of 1928, but they must be met by the time the academic requirements for the next higher class of certificate are met.

All forms used in the administration of the free tuition privilege may be had at the Director's office. Teachers in service will save themselves considerable delay by securing from their school officials in advance statements to be filed with their applications.

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* For students who are not residents of North Carolina, the tuition fee (for three courses) is $16.67.

‡ This is the tuition fee for all whose registration is limited to 3 courses. Those registered in the Division of Elementary Education may register for 4 courses without the payment of an additional fee for tuition. Those not registering in the Division of Elementary Education will be required to pay $5.00 for each additional Summer School course.

† The word 'teacher" as here used is meant to include not only teachers but principals, supervisors, and superintendents.

Summary of Fees and Expenses

In all cases, unless otherwise noted, the fees listed below are to be paid to the University Treasurer at the time of registration or at the time the service for which the fee is charged is rendered.

1. *Registration Fee, $15.00.* Required of all registrants, except Kinscella pupils.
2. *Tuition Fee, $12.50.* Required of all except teachers. See Free Tuition for Teachers, above.
3. *Extra Tuition Fee, $5.00.* Required of those only in the College and Graduate Divisions allowed to register for more than 3 courses. (This does not apply to those registering in the Division of Elementary Education).
4. *Late Registration, $2.50 to $5.00.* Required of every student in the First Term registering after June 14, and of every student in the Second Term registering after July 25.
5. *Changes in Registration, 25 cents each.* After June 18 a charge of 25 cents will be made for each change a student makes in his registration for the first term. After July 28 the same charge will be made for each change in registration for the second term.
6. *Laundry Fee, $6.00.* Required of all registrants, except Kinscella pupils (who are here for two weeks only). This fee may be refunded to students who live at home and have their laundry work done elsewhere than at the University Laundry. See under Laundry Department.
7. *Kinscella Institute, $30.00.* Each special student in the Kinscella Institute will pay a flat fee of $30.00 for the course, and will not be required to pay the $15.00 registration fee. Students regularly enrolled in the Summer School and desiring to register in the Kinscella Institute will pay a special fee of $25.00 for the course. This fee is paid at the office of the Department of Music.
8. *Season Ticket to Attractions, $2.00.* (First term only). The payment of this fee is entirely optional. It is a nominal charge for a general admission season ticket for the program of attractions put on by the Summer School. This fee is paid at the Director's office at the time the tickets are delivered.
9. *Teachers' Bureau, 50 cents.* Required of those only who register with the Bureau. This is only an incidental fee and not in any sense a service fee.
10. *Room Rent, $7.50.* This is paid through the office of the Director at the time the reservation is made.
11. *Table Board, $35.00.* A flat charge for board at Swain Hall for each term of the Summer School. Payable to the Treasurer at the time of registration by those desiring board at Swain Hall.
12. *Music Fees.* These vary for different courses. (See list of courses offered by the Department of Music.) In addition to the tuition fees a special fee of $2.00 for the term is charged those desiring assignment to a practice room. All music fees are paid at the office of the Department of Music.
13. *School of Commerce Library Fee, $1.00.* Charged each student in the School of Commerce.
14. *English 34, $2.00.* Each student registering for English 34, Dramatic Production, is required to pay a laboratory fee of $2.00.
15. *Laboratory Fees.* These vary for the different departments and for different courses in the same department. They are as follows:

Botany:

s1	$ 4.00
s2	4.00

Chemistry:

s1	5.50
s2	5.50
s31	10.00
s41	10.00
s42	10.00
s61	10.00
s62	10.00
s81	7.00
s82	7.00
s112	10.00
s142	10.00
s182	10.00

Commerce:

Library Fee	1.00
s1	3.00
s2	3.00

16. *Diploma Fee.* $5.00.

English:

s34	$ 2.00

Geology:

s1	3.00
s2	3.00
s21	2.50
s91-92 (Fee for course)	30.00

Physics:

s1	2.50
s2	4.00
s12	25.00

Psychology:

s1	2.00
s2	2.00
s104a	1.00

Zoölogy:

s1 (b)	5.00

Refund of Fees

1. Fees paid in advance for room reservation for the first term will be refunded on application up to and including June 8 but not after that date, and for the second term, up to and including July 7.
2. If for any reason a student, after registering, finds it necessary to withdraw from the Summer School, registration and tuition fees, on application presented within the dates specified below, will be refunded, but in strict accordance with the following regulations:
   (1) If application is made on the day of registration, the amount paid, less a flat overhead charge of $2.50, will be refunded.
   (2) If application is made within a period of 4 days after class work begins, a flat overhead charge of $10.00 will be deducted from the amount paid and the remainder refunded.
   (3) After a period of 4 days from the time class work for the term begins, no refund of registration and tuition fees will be made, except in the case of illness necessitating the student's withdrawal, in which case a proper adjustment will be made within a period of 10 days after class work begins.
   (4) In case of a student's withdrawal from the Summer School, proper adjustment will be made in the charges for table board, laboratory fees, and laundry fees. After necessary deductions are determined by the department concerned in each instance, appropriate refunds of any unused part of such charges or fees will be made to the student.
   (5) Extra fees paid for late registration may not be refunded for any reason except by action of the Administrative Board.

The Y. W.-Y. M. C. A.

The Y. W.-M. C. A. is a combined organization of Y. W. C. A. and Y. M. C. A. It has a mixed Cabinet of men and women students, about thirty in number, with an employed staff of three Secretaries, two women and one man. This Association serves the

entire Summer School, and in campus vernacular is called simply the "Y." It has headquarters in the Y. M. C. A. building which is located in the heart of the campus. The location of the building typifies the place the Association fills in the life of the community, for it is truly the center of campus activities.

The principal points of the "Y's" program for the summer are the following:

1. Operating the "Y" building, as a Campus Home—or club for all—having lobby; parlor, with piano, victrola, etc.; reading room carrying more than fifteen leading magazines and all daily papers of the State; free pressing room, furnishing electric iron; three committee rooms; telephone for local and long distance service; ice water, etc. In the building a hostess and host are always present to receive and serve students and their friends. Make the "Y" your home this summer.

2. A distinctive form of campus service is rendered through the "Y" office, in an Information and Lost and Found Bureau. A master directory is kept here, of all students and faculty. All telegrams and long distance calls are handled through this office. Found articles are turned in here and prompt effort is made to locate the owner. Inquiries are also left at the office for lost articles. Any information desired, in fact, may be had here, for if we cannot answer your questions we know who can and will direct you to them.

3. Special attention is given the many visitors who come to the campus throughout the summer. You are invited to instruct your visiting friends to "Report at the 'Y' " and wait in the parlor while we send for you.

4. Religious program is given constant and thorough attention by the "Y" organization, during the summer. It coöperates with the five local churches in their efforts for students. It conducts a Vesper, or 12-minute prayer service every evening immediately following supper. It also conducts vesper service at church hour every Sunday evening, with special music and speaker. The several rural churches near Chapel Hill are assisted regularly by a committee of as many students as are willing to serve in this way. If interested, you should ask for a place on the "Y" Cabinet.

5. The Social and Entertainment department is very active all the time. It provides music and general facilities for amusement. There is a special "Social Hour" every evening before study time. It conducts games and mass play one or two evenings every week. Stunt Night on each Saturday is the most popular single attraction on the campus. This department also conducts picnics, hikes, and various other parties from time to time.

6. A Self-Help Bureau is ever active, assisting any needy students in getting remunerative employment for defraying part of their college expenses.

7. In addition to the above points of program, the "Y" is a general campus and community welfare agency, rendering service wherever needed. The Association solicits the coöperation of every summer school student. Use it, and work through it!

Student Conduct

The University has very simple but fundamental requirements respecting student conduct. Students are required to deport themselves as ladies and gentlemen on all occasions, in all relations, and in the fullest sense. The committee on discipline deals speedily and drastically with such vices as cheating, drinking, gambling, and similar breaches of decent conduct.

The Honor System

All class work at the University has been on the honor basis for a generation. No espionage is practiced by teachers, and students unanimously condemn and punish cheating.

PART II—COLLEGE AND GRADUATE DIVISION

College and Graduate Courses

The letter "s," meaning summer, is prefixed to the numbers of courses to distinguish them from the numbers employed in the annual catalogue to designate the courses of the regular college year.

The letter C indicates that a course may be counted toward the bachelor's degree in the appropriate School or College of this University as indicated by the Roman numerals added after the statement of the amount of credit carried by the particular course. The letter E in the case of French and Spanish courses indicates that entrance credit is given. In this scheme of numerals I means College of Liberal Arts; II, School of Education; III, School of Commerce; IV, Premedical course, or for S.B. in Medicine; V, School of Applied Science; the abbreviation G indicates that a course so marked is of graduate grade and may be counted toward the master's degree.

ART HISTORY

Courses for Undergraduates

Greek s14. MASTERPIECES OF GREEK LITERATURE IN ENGLISH TRANSLATIONS.

Credit, ½ course. C. I, II. Five hours a week. First term. Mr. Bernard. Hour 9:00 daily.

Selections from the Epic, Lyric, Drama, and Plato's Dialogues will be studied with a view to their influence on modern literature. The course is a condensed form of the college course known as Comparative Literature 14.

Greek 14 may also be taken as a graduate course. In such case the scope of the work will be considerably expanded and concentrated on some special phases of the subject required. Graduate students desiring to register for this course will register for Greek 114.

Greek s61a. ART HISTORY.

Credit, ½ course. C. I, II. Five hours a week. Junior and Senior elective. First term. Mr. Bernard. Hour: 10:00 daily.

Lectures on architecture and sculpture from earliest beginnings with lantern slide illustrations. Emphasis in this course will be placed on a knowledge and appreciation of the world's great masterpieces and an interpretation of the principles exemplified in them.

Greek s61b. ART HISTORY (Continuation of Greek 61a by topic or period).

[Not offered in 1928.]

Greek 61c. ART HISTORY.

Credit, ½ course. C, I, II. Five hours a week. Junior and senior elective. First term. Mr. Bernard. Hour: 11:00 daily.

Painting and the minor arts from earliest times with emphasis on the great Renaissance period, lectures with pictures and lantern slides.

Courses for Graduates

s114. MASTERPIECES OF GREEK LITERATURE IN ENGLISH TRANSLATIONS.

Credit, ½ course. G. Five hours a week. First term. Mr. Bernard. Hour: 9:00 daily.

BIOLOGY

(See under Botany and Zoology below.)

BOTANY

Courses for Undergraduates

s1. GENERAL BOTANY.

Credit, 1 course. C. I, II, III, IV, V. Four lectures and four laboratory hours a week. Through both terms. Laboratory fee, $4.00. First term, Mr. Totten and assistant. Second term, Mr. Couch and assistant. Hours: Lectures, 11:00 T. W. Th. and F. Laboratory, 3:00 to 5:00 T. and Th.

This course is an introduction to the structure, physiology and classification of plants. Study will be made of the algae, fungi, bacteria, mosses, ferns, and seed plants. Lectures with laboratory and field work. A part of the work will be out of doors in a study of the trees, shrubs, vines and herbs of Chapel Hill and the practice in the use of keys for their identification. This course covers much the same ground and carries the same credit as Botany I given in the fall and spring quarters. Freshman, Sophomore, Junior and Senior elective.

s2. STRUCTURE AND CLASSIFICATION OF SEED PLANTS.

Credit, 1 course. C. I, II, III, IV, V. Two lectures and eight laboratory hours a week. Through both terms. Laboratory fee, $4.00. First term, Mr. Totten and assistant. Second term, Mr. Couch and assistant. Prerequisite, Botany I or Botany s1. Hours: Lectures, 12:00 T. and Th. Laboratory, 2:00-5:00 M. and W.; 2:00-4:00 F.

This course is a continuation of Botany s1, with more advanced work in the structure and classification of seed plants. Special attention will be given to the study of the local flora and of the introduced ornamental plants found in the Arboretum. The greenhouse and nursery as well as the laboratory will be used. This course covers much the same ground and carries the same credit as Botany 2 given in the spring quarter. Sophomore, Junior and Senior elective.

CHEMISTRY

Courses for Undergraduates

s1. GENERAL DESCRIPTIVE CHEMISTRY.

Credit, 1 course. C. I, II, III, IV, V. Four lectures and four laboratory hours a week. Through both terms. First term, Mr. Bell and Mr. Gallent. Second term, Mr. Pickett. Laboratory fee, $5.50. Hours: Lectures, 8:00 M. W. F. S. Laboratory: 8:00 to 10:00 T. and Th.

Introduction to Inorganic Chemistry.

s2. GENERAL DESCRIPTIVE CHEMISTRY.

Credit, 1 course. C. I, II, III, V, V. Four lectures and four laboratory hours a week. Through both terms. First term, Mr. Crockford and Mr. Gallent. Second term, Mr. Pickett. Laboratory fee, $5.50. Hours: Lectures, 9:00 M. W. F. S. Laboratory 8:00 to 10:00 T. and Th.

Continuation of Chemistry s1.

s13. CHEMISTRY OF FOODS.

Credit, 1 course. C. I, II, IV, V. Five lectures a week. Through both terms. First term, Mr. Bost. Second term, Mr. Brooks. Hour: 8:00 daily.

Chemistry of digestive processes, and the composition, production and preservation of foods.

s31. QUALITATIVE ANALYSIS.
Credit, 1 course. C. I, II, IV, V. Five lectures and fifteen laboratory hours a week. First term, Mr. Dobbins and Mr. Mebane. Laboratory fee, $10.00. Hours: Lectures, 2:00 daily. Laboratory, 3:00 to 6:00 daily.
Identification of the common inorganic ions.

s41. QUANTITATIVE ANALYSIS.
Credit, 1 course. C. I, II, IV, V. Five lectures and fifteen laboratory hours a week. First term, Mr. Dobbins and Mr. Mebane. Laboratory fee, $10.00. Hours: Lectures, 10:00 daily. Laboratory, 2:00 to 5:00 daily.
Gravimetric methods of analysis.

s42. QUANTITATIVE ANALYSIS.
Credit, 1 course. C. I, II, IV, V. Five lectures and fifteen laboratory hours a week. First term, Mr. Dobbins and Mr. Mebane. Laboratory fee, $10.00. Hours: Lectures 1:00 daily. Laboratory, 2:00 to 5:00 daily.
Volumetric methods of analysis.

s61. ORGANIC CHEMISTRY.
Credit, 1 course. C. I, IV, V. Six lectures and twelve laboratory hours a week. First term, Mr. Bost. Laboratory fee, $10.00. Hours: Lectures, 9:00 daily. Laboratory, 10:00 to 12:00 daily.
Chemistry of the aliphatic compounds.

s62. ORGANIC CHEMISTRY.
Credit, 1 course. C. I, IV. V. Six lectures and twelve laboratory hours a week. Second term, Mr. Brooks. Laboratory fee, $10.00. Hours: Lectures, 9:00 daily. Laboratory, 10:00 to 12:00 daily.
Chemistry of the aromatic compounds.

s81. PHYSICAL CHEMISTRY.
Credit, 1 course. C. I, IV, V. Six lectures and twelve laboratory hours a week. First term, Mr. Crockford. Laboratory fee, $7.00. Hours: Lectures, 8:00 daily. Laboratory, 2:00 to 6:00 M. W. F.
The properties of solids, liquids and gases as related to chemical constitution.

s82. PHYSICAL CHEMISTRY.
Credit, 1 course. C. I, II, IV, V. Six lectures and eight hours laboratory a week. Second term, Mr. Crockford and Mr. Gallent. Laboratory fee, $7.00. Hours: Lectures, 8:00 daily. Laboratory, 2:00 to 6:00 M. W. F.
The theory of solutions.

Courses for Graduates and Advanced Undergraduates

s83. PHYSICAL CHEMISTRY.
Credit, 1 course. C. I, II, IV, V, or G. Twelve lectures a week. First term, Mr. Bell. Hours: Lectures, 9:00 to 11:00 daily.
Advanced course.

s84. PHYSICAL CHEMISTRY.
Credit, 1 course. C. I, II, V, or G. Twelve lectures a week. Second term, Mr. Crockford. Hours: Lectures, 9:00 to 11:00 daily.
Advanced Course.

Courses Primarily for Graduates

s141. ADVANCED ANALYTICAL CHEMISTRY.
Credit, ½ course. G. First term, Mr. Dobbins. Hours to be arranged.
Seminar dealing with recent advances in Analytical Chemistry.

s142. RESEARCH IN ANALYTICAL CHEMISTRY.
Credit, 1 course. G. First term, Mr. Dobbins. Laboratory fee, $10.00. Hours to be arranged.

s181. ADVANCED PHYSICAL CHEMISTRY.
Credit, ½ course. G. First term, Mr. Bell. Hours to be arranged.
Seminar dealing with recent advances in Physical Chemistry.

s182. RESEARCH IN PHYSICAL CHEMISTRY.
Credit, 1 course. G. Both terms. Mr. Bell and Mr. Crockford. Laboratory fee, $10.00. Hours to be arranged.

COMMERCE AND ECONOMICS

COMMERCE

Courses for Undergraduates

s1. ACCOUNTING PRINCIPLES.
Credit, 1 course. C. III. Ten hours a week. First term. Laboratory fee, $3.00. Mr. Peacock. Hours: 2:00 to 4:00 daily.
Prerequisite or corequisite, Economics 1-2.
Lectures with laboratory work. Study of theory of debit and credit, record making, organization of accounts, and presentation of financial and profit and loss statements. Laboratory exercises in accounting problems and technique.

s2. ACCOUNTING PRINCIPLES (Continued).
Credit, 1 course. C. III. Ten hours a week. Second term. Laboratory fee, $3.00. Mr. Sparger. Hours: 2:00 to 4:00 daily.
Prerequisite, Commerce 1.
Lectures with laboratory work. An approach to accounting problems from the business manager's point of view. It consists of a thorough study of the organization of the accounting department of a business and its relation to the other departments, accounting systems, construction and analysis of accounting statements. The principles of valuation of assets, depreciation, and bonds are also covered, and a general survey made of such fields as cost, municipal, and railway accounting.

s10. BUSINESS ORGANIZATION.
Credit, 1 course. C. III. Ten hours a week. First term. Mr. Schwenning. Hours: 8:00 and 10:00 daily.
Prerequisite, Economics 1-2.
The forms of business organization with emphasis on the corporation. The external relations of a business organization and the internal coördination of the factors in production with a view to the establishment of effective control and definite responsibility for results. Special attention will be directed to the various functions to be performed, such as, production, finance, personnel, marketing, risk-taking, and records and standards.

ECONOMICS

Courses for Undergraduates

s1. GENERAL ECONOMICS.
Credit, 1 course. C. I, II, III, IV, V. Ten hours a week. First term. Mr. Spruill. Hours: 8:00 and 10:00 daily.
This course covers the same ground as Economics 1 in the regular session and is planned to give an understanding of the general principles underlying

our complicated industrial life. The first part of the course deals with the organization of economic society. This survey is followed by a critical analysis of certain phases of the economic process, production, consumption, and the market. (This course counts for credit only if followed by Economics s2.)

s2. GENERAL ECONOMICS (Continued).

Credit, 1 course. C. I, II, III, IV, V. Ten hours a week. Second term. Mr. Lear. Hours: 8:00 and 10:00 daily.

Prerequisite, Economics 1.

The subject matter of this course is the same as that of Economics 2 in the regular session. The analysis of the economic process started in Economics 1 is continued and completed. The exchange and distributive processes are examined. The remainder of the course will deal with the problems of monopoly and combination, transportation, labor, public finance, and economic reform. The object will be to give the student an understanding of the fundamental aspects of these subjects, sufficient for a comprehensive, well-organized basis for independent constructive thinking, or an adequate foundation for advanced study in the field of economics and industry.

s10. MONEY AND CURRENCY.

Credit, 1 course. C. I, II, III, IV, V. Ten hours a week. First term. Mr. Hoover. Hours: 9:00 and 11:00 daily.

Prerequisite, Economics 1-2.

Origin and functions of money. The standard problem. Relationship between money and prices. Economic principles governing the issuance and retirement of credit money. International gold movements. Inflation and deflation. Effects of the war upon the world's monetary systems.

s11. BANKING AND CREDIT.

Credit, 1 course. C. I, II, III, IV, V. Ten hours a week. Second term. Mr. Woosley. Hours: 9:00 and 11:00 daily.

Prerequisite, Economics 1-2 and 10.

The place of the commercial bank in the economic organization. Functions and major operations of a bank. Relationships between loans and discounts, deposits, reserves, capital, and surplus. Process of financing the business man. Investigating the credit risk; determining the line of credit. The banking system as a whole; clearing house associations, correspondent banks, bankers' banks, the Federal Reserve System. Government control of banking.

Courses for Graduates and Advanced Undergraduates

s12. BUSINESS CYCLES.

Credit, 1 course. C. I, II, III, IV, V, or G. Ten hours a week. First term. Mr. Murchison. Hours: 9:00 and 11:00 daily.

Prerequisite, Economics 1-2.

A study of the alternating periods of depression and prosperity. The underlying causes of panics and crises. Fluctuations in prices, trade volume, and physical production.

s13. PUBLIC FINANCE.

Credit, 1 course. C. I, II, III, IV, V, or G. Ten hours a week. Second term. Mr. Herr. Hours: 8:00 and 10:00 daily.

A general study of government business covering the principles involved in public expenditures and revenues—local, state and national; a treatment of the just distribution of public charges and their incidence; and a study of the growth and organization of modern tax systems.

s26. INTERNATIONAL TRADE: Theory and Policies.

Credit, 1 course. C. I, II, III, IV, V, or G. Ten hours a week. First term. Mr. Zimmerman. Hours: 8:00 and 10:00 daily.

In this course international trade is viewed from the standpoint of the political economist, emphasizing the social aspects.

Part I. Theory of international trade with special reference to payment balance and foreign exchange.

Part II. Historical study of the past, and critical analysis of the present, foreign commerce of the United States and principal commercial rivals; a survey of our markets and sources of supply.

Part III. Analysis and criticism of the international trade policies of the United States and leading commercial nations.

s30. LABOR PROBLEMS.

Credit, 1 course. C. I, II, III, IV, V, or G. Ten hours a week. Second term. Mr. Cassidy. Hours: 9:00 and 11:00 daily.

Prerequisite, Economics 1-2.

A study of labor as a factor in the industrial process; of the wage system and employment problems; of immigration and poverty; of labor organizations, strikes, lockouts, arbitration, factory legislation, and industrial education.

s40. THEORIES OF ECONOMIC REFORM.

Credit, 1 course. C. I, II, III, IV, V, or G. Ten hours a week. First term. Mr. Carroll. Hours: 9:00 and 11:00 daily.

Prerequisite, Economics 1-2.

The object of this course will be to examine critically the most prominent of the current proposals of economic reform, such as socialism, Bolshevism, the single tax, profit sharing and labor copartnerships, and industrial democracy. This course may be taken by those who wish neither college nor graduate credit.

EDUCATION

Courses for Undergraduates

s1. INTRODUCTION TO EDUCATIONAL PSYCHOLOGY.

Credit, 1 course. C. I, II, III. Five hours a week. Through both terms. Mr. Shepard. Hour: 8:00 daily.

Education is viewed in this course as a series of changes in individual pupils. The elementary principles of educational psychology will be illustrated and studied briefly through assigned readings, experiments, and discussions.

s1a. INTRODUCTION TO EDUCATIONAL PSYCHOLOGY. (First half of Education s1).

Credit, ½ course. C. I, II. Five hours a week. Each term. First term, Section I, Mr. Shepard, 12:00 daily; Section II, Mr. Dimmick, 11:00 daily. Second term, Section I, Mr. Shepard, 12:00 daily.

s1b. INTRODUCTION TO EDUCATIONAL PSYCHOLOGY. (Second half of Education s1).

Credit, ½ course. C. I, II. Five hours a week. Each term. First term, Mr. Dimmick, 12:00 daily. Second term, Mr. Shepard, 10:00 daily.

s5. GENERAL INTRODUCTION TO THE STUDY OF EDUCATION.

Credit, 1 course. C. II. Five hours a week. Through both terms. Mr. McKee. Hour: 12:00 daily.

This course attempts to aid prospective teachers in obtaining a general understanding of the organization, purposes, opportunities, and limitations in the various fields open to teachers. An examination of the history, traditions, and present relationships in public school work will be followed by guidance in self-examination, in order that each student may discover the fields in which he has the largest interest, ability, and probable hope of success. Textbooks, reports on outside readings, class exercises, and individual experiments will be required.

s20. EDUCATIONAL PSYCHOLOGY.
Credit, 1 course. C. I, II, III. Five hours a week. Through both terms. Mr. Garinger. Hour: 11:00 daily.
To consider critically different topics, such as the original nature of man, heredity versus environment, kinds of learning and factors in influencing learning, individual differences, mental hygiene, metal measurement is the purpose of this course. Texts ad lectures.

s20a. EDUCATIONAL PSYCHOLOGY. (First half of Education s20).
Credit, ½ course. C. I, II. Five hours a week. Each term. First term, Mr. Shepard. Second term, Mr. Garinger. Hour: 8:00 daily.

s20b. EDUCATIONAL PSYCHOLOGY. (Second half of Education s20).
Credit, ½ course. C. I, II. Five hours a week. First term. Mr. Garinger. Hour: 12:00 daily.

s51. PRINCIPLES OF SECONDARY EDUCATION.
Credit, 1 course. C. I, II. Five hours a week. Through both terms. First term, Mr. Mosher. Second term, Mr. Hood. Hour: 12:00 daily.
A study of the American high school, its evolution, organization, administration, functions, and problems. Special emphasis will be laid on the public high school in North Carolina. This course is designed especially to meet the needs of those students who are looking toward teaching positions and principalships in secondary schools. Textbook, lectures, assigned readings, and reports.

s51a. PRINCIPLES OF SECONDARY EDUCATION. (First half of Education s51).
Credit, ½ course. C. I, II. Five hours a week. Second term. Mr. Hood. Hour: 11:00 daily.

s51b. PRINCIPLES OF SECONDARY EDUCATION. (Second half of Education s51).
Credit, ½ course. C. I, II. Five hours a week. First term. Mr. Mosher. Hour: 11:00 daily.

s52. GENERAL METHODS IN SECONDARY EDUCATION.
Credit, 1 course. C. I, II. Five hours a week. Through both terms. Mr. McKee. Hour: 9:00 daily.
This course deals with a general survey of the nature of the secondary school pupil and of the nature of the subject matter taught in secondary schools; a study of the laws of learning which underlie and determine the conduct of the recitation and the management of the class. Considerable attention is given to the types of learning involved in the different high school subjects and economical methods of instruction. Textbooks, lectures, assigned readings, and reports.

s52a. GENERAL METHODS IN SECONDARY EDUCATION. (First half of Education s52).
Credit, ½ course. C. I, II. Five hours a week. Second term. Mr. McKee. Hour: 11:00 daily.

s69. PROBLEMS OF MENTAL HYGIENE FOR TEACHERS.
Credit, 1 course. C. II. Ten hours a week. First term. Mr. Crane. Hours: 10:00 to 12:00 daily.
A consideration of the basic psychological principles underlying all behavior. How and why maladjusting behavior develops. Early evidences of tendencies toward such behavior. Suggestions as to prevention and correction.

s70. MATERIALS AND METHODS OF TEACHING HIGH SCHOOL ENGLISH.

Credit, 1 course. C. II. Ten hours a week. Second term. Mr. Farrar. Hours: 10:00 to 12:00 daily.

This course is designed to give practical preparation for the teaching of English in high schools. It includes consideration of the aims, courses of study, and methods found most effective in the teaching of grammar, composition (oral and written), and the different types of literature to pupils of high school age.

English 1, 3, 4, 5, and four other English courses approved by the instructor are prerequisites. Applicants should be well grounded in the fundamental principles of English grammar, should write and speak well, and should have more than average ability to appreciate literature.

s72. MATERIALS AND METHODS OF TEACHING HIGH SCHOOL FRENCH.

Credit, 1 course. C. II. Five hours a week. Through both terms. Mr. Giduz. Hour: 8:00 daily.

This course is primarily for students majoring in French in the School of Education. French 3, 4, 5, 7, and 14 are required for all who intend to teach French, either as a major or minor. In addition 3 more French courses are required—these may be elected with the approval of the instructor.

In this course the development of modern language teaching in the United States, and to some extent in Europe, is studied. The reading will cover some of the most important bibliography dealing with the various schools of modern language teaching. There will be discussions and papers. Particular stress will be laid on present day tendencies in this field, more especially on pronounciation and the use of phonetics. Each student will be required to formulate his own plan of study. The various texts available for teaching French will be critically studied and discussed. Reports on outside readings.

s74. MATERIALS AND METHODS OF TEACHING HIGH SCHOOL HISTORY.

Credit, 1 course. C. II. Ten hours a week. First term. Mr. King. Hours: 10:00 to 12:00 daily.

This course is required of all students in the school of Education who are preparing to teach high school history and the other social studies. The aims, functions and objectives of the social studies will be carefully analyzed and the history of their place in the American secondary school examined. Such problems as planning and organizing the course, textbooks and library equipment, maps, pictures and other visual aids will be considered. Following these will be a discussion of the various methods problems such as the recitation, teaching pupils how to study, the lecture, textbook, topical, problem and source methods, written work and testing results. Textbooks, lectures, discussions, special investigations and reports.

s76. MATERIALS AND METHODS OF TEACHING HIGH SCHOOL LATIN.

Credit, 1 course. C. II. Five hours a week. Through both terms. Mr. Gwynn. Hour: 9:00 daily.

This course is designed primarily for students majoring in Latin in the School of Education, and is required of all who plan to teach high school Latin, whether as a major or minor subject. The history of the teaching of Latin will be discussed along with modern tendencies of instruction in this field. A special study will be made of high school Latin texts, and reports and discussions will emphasize the various methods used in teaching them. Helpful bibliographies will be compiled and examined.

s78. MATERIALS AND METHODS OF TEACHING HIGH SCHOOL MATHEMATICS.

Credit, 1 course. C. II. Five hours a week. Through both terms. Mr. Munch. Hour: 11:00 daily.

A course designed to give those who are preparing to teach mathematics in high school a comprehensive view of the materials of secondary school mathematics and its teaching. It covers briefly the history of mathematics, objectives of secondary school mathematics teaching, materials, methods of instruction, psychology of the subject, mathematics projects and the mathematics section of the high school library. Reading on these topics and reports will be a feature of the course.

s80. MATERIALS AND METHODS OF TEACHING HIGH SCHOOL SCIENCE.

Credit, 1 course. C. II. Ten hours a week. First term. Mr. Preston. Hours: 8:00 to 10:00 daily.

This course will consider the educational preparation of the science teacher, the historical development of secondary school science—its changing aims and organization of materials—as a background for the understanding of present-day aims; the influence of these aims upon selection of subject-matter, methods of organizing and presenting it, and of testing results. Specimen teaching units, selected from the different sciences, will be prepared by students and discussed as to content, method, and use of materials. Lectures, discussions, readings.

s82-s83-s84. MATERIALS AND METHODS OF TEACHING THE ELEMENTARY SCHOOL SUBJECTS. (See Part III—Division of Elementary Education).

Courses for Graduates and Advanced Undergraduates

s26ab. PUBLIC EDUCATION IN THE SOUTH.

Credit, 1 course. C. I. II, or G. Five hours a week. Through both terms. Part (a) may be taken for ½ course credit in the first term, and part (b) may be taken for ½ course credit in the second term. Mr. Knight and Mr. Pullen. Hour: 12:00 daily.

This course furnishes a survey of public school education in the Southern States. Consideration is given to recent development, to present problems in organization, administration, and supervision, and to the improvements needed for the proper solution of present-day rural life problems. Special attention will be given to conditions and needs in North Carolina. Text-book, lectures, readings, investigations, and special reports.

s31ab. RURAL SCHOOL ORGANIZATION AND ADMINISTRATION.

Credit, 1 course. C. I, II, or G. Five hours a week. Through both terms. Part (a) may be taken for ½ course credit in the first term, and part (b) may be taken for ½ course credit in the second term. Mr. Knight and Mr. Pullen. Hour: 10:00 daily.

This course is planned for teachers and principals of rural or village schools, county superintendents and supervisors. It will consider the principal problems of rural education in the United States with special emphasis on conditions in North Carolina and the South. The curriculum, methods of teaching, problems of support, administration, health, recreation, methods of training teachers in service, the increasing demand for professional direction and supervision, the county unit plan, consolidation and transportation will be studied. Textbook, lectures, investigations, special reports, and illustrative lectures.

s41. PUBLIC SCHOOL ADMINISTRATION.

Credit, 1 course. C. I, II, or G. Five hours a week. Through both terms. Mr. Trabue. Hour: 8:00 daily.

This course will consider some of the important problems of school administration, especially as these problems bear on the success of the teacher's work.

Students without teaching experience, or teachers without a knowledge of administrative problems, should not register for the more specialized courses in the field of administration until after completing this course.

s42. THE ELEMENTARY SCHOOL PRINCIPALSHIP.

Credit, 1 course. C. I, II, or G. Five hours a week. Through both terms. Mr. Stevens. Hour: 12:00 daily.

This course considers the duties, qualifications, and activities of the principal of an elementary school. Textbook, assigned readings, and special reports.

s43. ELEMENTS OF STATISTICAL METHODS.

Credit, 1 course. C. I, II, or G. Five hours a week. Through both terms. Mr. Herring and Mr. Munch. Hour: 9:00 daily.

The first meetings in this course will consider various methods of collecting data for educational, psychological, social, and economic investigations. The interpretation of data by graphic and mathematical devices will be taught chiefly by examples. Numbering, tabulation, the calculation of averages and variabilities, the transmutation of measures, and simple correlations will be included. Students will be required to plan experiments and statistical investigations for the solution of problems in their own fields of interest. Readings, demonstrations, problems, reports, and critical discussion.

s49. MEASUREMENTS OF EDUCATIONAL EFFICIENCY.

Credit, 1 course. C. I, II, or G. Five hours a week. Through both terms. Mr. Trabue and Mr. Stevens. Hour: 10:00 daily.

This course for superintendents, principals and supervisors will consider the fundamental principles and purposes of accounting, the various systems now in use in the public schools of North Carolina, and the improvements which are most urgently needed. The printed forms, equipment, labor saving devices, and clerical service required for schools of different sizes will be studied from the standpoint of costs and efficiency. Assigned readings, practical problems, class discussions, and individual reports.

s56. SUPERVISION AND MEASUREMENTS IN SECONDARY EDUCATION.

Credit, 1 course. C. II, or G. Five hours a week. Through both terms. Mr. Herring. Hour: 8:00 daily.

Standard tests for measuring the results of secondary school instruction will be examined and discussed. An effort will be made to give students some familiarity with the methods and scales.

s57. THE HIGH SCHOOL PRINCIPALSHIP.

Credit, 1 course. C. II, or G. Four hours a week. Through both terms. First term, Mr. Mosher and Mr. Garinger; Second term, Mr. Hood and Mr. Garinger. Hours: 2:00 to 4:00 T. and Th.

This course considers the duties, qualifications, and activities of the principal of a secondary school. Lectures, readings, discussions, investigations, and reports.

s60. THE ELEMENTARY SCHOOL CURRICULUM.

Credit, 1 course. C. II, or G. Five hours a week. Through both terms. Mr. Tyler and Miss Marks. Hour: 9:00 daily.

The construction and organization of the elementary school curriculum when based upon human needs. Includes consideration of the teacher's function in curriculum construction, objectives of the school subjects, sources of curricular material and criteria for evaluating it, selection and organization of the pupil-activities through which the objectives may be attained.

s62a. MEASUREMENTS IN ELEMENTARY EDUCATION.

Credit, ½ course. C. I, II, or G. Five hours a week. Each term. Mr. Stevens. Hour: 11:00 daily.

This course will introduce the student to methods of administering, scoring, tabulating, and interpreting the results of the best tests in the field of elementary education. Textbook, assigned readings, special reports, and class exercises.

s63. THE PSYCHOLOGY OF ELEMENTARY EDUCATION.

Credit, 1 course. C. I, II, or G. Five hours a week. Through both terms. Mr. Trabue and Mr. Tyler. Hour: 12:00 daily.

The psychological processes involved in the learning of reading, writing, arithmetic, history and geography. The application of the laws of learning is made to the arrangement of material within each subject. Students registering for this course should have had Education 1 or Psychology 1-2 and one further course in Education.

s64ab. MENTAL MEASUREMENTS.

Credit, 1 course; or each part ½ course. C. I, II, or G. Five hours a week. Part (a) first term; part (b) second term. Mr. Herring. Hour: 11:00 daily.

Prerequisite, Education or Psychology 1-2.

A study of mental tests both individual and group. The origin of the tests will be first considered followed by a comparative study of the various types of group and individual tests. There will be ample opportunity offered for the actual administration of the tests and the interpretation of the results.

Courses Primarily for Graduates

s101ab. PROBLEMS IN SECONDARY EDUCATION.

Credit, 1 course; or each part ½ course. G. Four hours a week. First term, part (a); second term, part (b). Through both terms. Mr. McKee. Hours: 2:00 to 4:00 T. and Th.

This course is intended for advanced students and is primarily a course in investigation. To be admitted to it, a student must have pursued other courses in secondary education. Students who have taken Education 51 may be admitted only with special permission of the instructor. At the beginning of the course each student is required to select some one problem for special investigation. The problem for investigation may be chosen by the student but must be subject to the approval of the instructor both as to field and method. A thesis will be required of each student. Throughout the course regular class discussions will be held on various problems in secondary education and assigned readings will be required.

s103. PROBLEMS IN PUBLIC SCHOOL ADMINISTRATION.

Credit, 1 course; or each part ½ course. G. Four hours a week. First term, part (a); second term, part (b). Mr. Trabue and Mr. Stevens. Hours: 2:00 to 4:00 T. and Th.

A graduate course offering opportunity for intensive study and research on selected problems in the field of educational administration. The problems will be selected by the class each year, making it possible for the student to take this course more than once. Prerequisites, Education 40 and 41, or their equivalent.

s104ab. PROBLEMS IN EDUCATIONAL MEASUREMENTS.

Credit, 1 course; or each part ½ course. G. Four hours a week. First term, part (a); second term, part (b). Mr. Trabue and Mr. Stevens. Hours: 4:00 to 6:00 M. and W.

Students who wish to specialize in educational measurements may take this course more than once if desired, for the problems considered will differ from year to year. Prerequisite, Education 62 or 56.

s108. PUBLIC SCHOOL BUILDINGS.
Credit, 1 course; or each part ½ course. G. Four hours a week. First term, part (a); second term, part (b). Mr. Trabue and Mr. Stevens. Hours: 2:00 to 4:00 M. and W.

The first half of this course involves the study of trends in population, in unit costs for school construction, and in other factors entering into the development of building programs for cities or counties. Considerable attention will be given to methods of financing school building programs. The second half of this course deals with materials, plans, and actual building operations. Special attention will be given to the problems of constructing rural school buildings and school buildings in small towns. Prerequisites: Education 41 and Education 43, or satisfactory equivalents.

s110ab. PROBLEMS IN EDUCATIONAL PSYCHOLOGY.
Credit, 1 course; or each part ½ course. G. Five hours a week. First term, part (a); second term, part (b). Mr. Herring. Hour: 10:00 daily.

Prerequisite, Education 1 or Psychology 1-2, and preferably one other course in Educational Psychology.

A graduate course treating intensively of the fundamental facts of educational psychology. This course is designed for those who intend to major in educational psychology and for all those who wish a thorough grounding in the psychological principles of Education.

s126b. STUDIES IN AMERICAN EDUCATION.
Credit, ½ course. G. Four hours a week. First term. Mr. Knight and Mr. Pullen. Hours: 4:00 to 6:00 M. and W.

This is an advanced course in which special subjects, topics, and problems in American education and especially education in the South will be studied in detail. It is open only to students who are writing their theses under Mr. Knight's direction. Education s26 or s31, or its equivalent, required as a prerequisite or parallel.

s140. SEMINAR IN EDUCATION: THESIS COURSE.
No credit. 2 hours a week. Each term. Hours: to be arranged.

ENGLISH

Courses for Undergraduates

s1. FRESHMAN ENGLISH.
Credit, 1 course. C. I, II, III, IV, V. Five hours a week. Through both terms. Mr. Posey and Mr. Stroup. Hour: 11:30 daily.

Intensive reading, chiefly in American prose; extensive reading among one thousand selected books in the Library; constant written composition.

s1a. COMPOSITION.
Credit, 1 course. C. I, II, III, IV, V. Five hours a week. Through both terms. Mr. MacMillan and Mr. Stroup. Hour: 12:00 daily.

A prerequisite of English 1 for Freshmen who need additional drill in the mechanics of writing. In the case of Freshmen required to take this course it will take the place of an elective course. Upper classmen whose work in other courses is ill-written, may be required to take English 1a (without credit).

s4. ENGLISH LITERATURE.
Credit, 1 course. C. I, II, III, IV, V. Five hours a week. Through both terms. Mr. Posey and Mr. Adams. Hour: 9:00 daily.

Study of the works of representative English poets.

s31. DRAMATIC COMPOSITION.
Credit, 1 or ½ course. C. I, II. Five hours a week. Through both terms. Mr. Heffner. Hour: 9:00 daily.
A practical course in dramatic composition. Emphasis is placed on the materials of local tradition and folk-lore, and of present-day life in North Carolina.

s34. DRAMATIC PRODUCTION.
Credit, ½ course. C. I, II. Five hours a week. First term. Mr. Selden. Hour: 2:00 daily.
A practical course in dramatic production. Acting, directing, and stage arts will be studied.

s38. SHAKESPEARE: THE TRAGEDIES.
Credit, 1 or ½ course. C. I, II. Five hours a week. Through both terms. Mr. Hibbard and Mr. Howell. Hour: 10:00 daily.
A study of Shakespeare's contribution to tragedy. The more important tragedies will be studied intensively; the others will be read with reference to special points.

s60. AMERICAN LITERATURE. From Whitman to the present.
Credit, 1 or ½ course. C. I, II. Five hours a week. Through both terms. Mr. Hibbard and Mr. Adams. Hour: 8:00 daily.
A survey of American literature from Whitman to the present.

Courses for Graduates and Advanced Undergraduates

s40. ENGLISH LITERATURE, 1557-1674.
Credit, 1 or ½ course. C. or G. Five hours a week. Through both terms. Mr. Wright and Mr. Howell. Hour: 9:00 daily.
A survey of the literature of the Elizabethan and Jacobean periods, exclusive of the drama.

s43. ELIZABETHAN DRAMA.
Credit, 1 or ½ course. C. or G. Five hours a week. Through both terms. Mr. Wright and Mr. Coffman. Hour: 8:00 daily.
A study of the beginnings of the English drama to the time of Shakespeare.

s47. ENGLISH LITERATURE, 1660-1715.
Credit, 1 or ½ course. C. or G. Five hours a week. Through both terms. Mr. MacMillan and Mr. McCutcheon. Hour: 10:00 daily.

s51b. ROMANTIC MOVEMENT.
Course, ½ course. C. or G. Five hours a week. First term. Mr. Paine. Hour: 11:00 daily.
A survey of English literature of the Romantic period with especial attention to the greater poets.

s65b. AMERICAN LITERATURE: The Early Period.
Course, ½ course. C. or G. Five hours a week. First term. Mr. Paine. Hour: 10:00 daily.
A survey of the earlier national period before Poe.

s71. MODERN DRAMA.
Credit, 1 or ½ course. C. or G. Five hours a week. Through both terms. Mr. Heffner. Hour: 11:00 daily.
A study of representative plays of recent times, beginning with Ibsen. Special attention is given to the function of the drama in interpreting modern thought and changing social conditions.

s81a. OLD ENGLISH: INTRODUCTORY COURSE.
Credit, ½ course, C. or G. Five hours a week. First term. Mr. Royster. Hour: 12:00 daily.
A study of Old English grammar and syntax.

Courses for Graduates

s116a. STUDIES IN EIGHTEENTH CENTURY LITERATURE.
Credit, ½ course. G. Second term. Mr. McCutcheon. Hours: 3:00-5:00 M. and W.
Research in special problems in eighteenth century literature with particular emphasis upon Doctor Johnson and his circle.

s131. SEMINAR: METHODS. Required of all candidates for the M.A. and Ph.D. degrees.
Credit, 1 or ½ course. G. Through both terms. Mr. Royster and Mr. Coffman. Hours: 3:00-5:00 T. and Th.
The principles and methods of the study of English with a series of simple problems in bibliography and literary history.

s141. RESEARCH IN A SPECIAL FIELD.
Credit, 1 or ½ course. Through both terms. Especially for candidates for advanced degrees. Messrs. Royster, Hibbard, Paine, Coffman, and McCutcheon.

GEOLOGY

Courses for Undergraduates

s1. INTRODUCTION TO GEOLOGY.
Credit, 1 course. Each term. C. I, II, III, IV. Six lectures and eight hours laboratory a week. Laboratory fee, $3.00. First term, Mr. Prouty. Second, Mr. MacCarthy. Hours: Lectures, 8:00. Laboratory hours to be arranged.
Dynamical and Structural Geology; materials of the earth and the agencies affecting them; processes and their results as a key to the interpretation of the earth's history, with special reference to North Carolina. Field and laboratory work. This course is the equivalent of Geology 1, as announced in the University catalogue.

s2. HISTORICAL GEOLOGY.
Credit, 1 course. Each term. C. I, II, III, IV. Six lectures and eight hours laboratory a week. Laboratory fee, $3.00. First term, Mr. Prouty. Second term, Mr. MacCarthy. Hours: Lectures, 11:00. Laboratory hours to be arranged.
The history of the earth and the evolution of its organisms. Lectures and laboratory work. This course is equivalent of Geology 2, as announced in the University catalogue.

Courses for Graduates and Advanced Undergraduates

91-92. SUMMER FIELD COURSE IN GEOLOGY.
Credit, 2 courses. C. or G. I, II. First term. Fee for course, $30.00. Messrs. MacCarthy and Martin. (For particulars concerning this course, address Professor G. R. MacCarthy, Chapel Hill, N. C.)
A six weeks course in practical field of geology, emphasizing economic geology, structural geology, stratigraphic geology and geological mapping. The class will travel by automobile, and camp will be established in a number of localities in Western North Carolina, Central and Northeastern Tennessee and Southwestern Virginia. This course offers an excellent opportunity for getting practical field experience at small cost.

GERMAN

Courses for Undergraduates

s1. ELEMENTARY COURSE.
Credit, 1 course. C. I, II, III, IV, V. Ten hours a week. First term. Mr. Matthews. Hours: 9:00 and 12:00 daily.
This course is intended for beginners in German. Stress is laid on correct pronunciation. The inflections of nouns and adjectives will be thoroughly explained and practiced. The conjugation of the weak verb and of the most important strong verbs will be studied. Reading of anecdotes and frequent dictation. Textbook: *A First German Book,* Betz and Price, American Book Company.

s3. INTERMEDIATE COURSE.
Credit, 1 course. C. I, II, III, IV, V. Ten hours a week. First term. Mr. Matthews. Hours: 8:00 and 11:00 daily.
This course presupposes the successful study of s1 and s2 or the equivalent. There will be a review of important points of grammar, but much attention will be given to accurate translation. Colloquial exercises, composition, and dictation will be distinct features of the course. Textbooks: Hagboldt's *Essentials of German Reviewed,* (University of Chicago Press); Hewett's *German Reader,* (New York, The Macmillan Company). This course corresponds to the first term of German 3-4 as described in the University catalogue. When successfully completed it will be accepted for credit.

s4. INTERMEDIATE COURSE.
Credit, 1 course. C. I, II, III, IV, V. Ten hours a week. First term. Mr. Brown. Hours: 8:00 and 11:00 daily.
There will be a review of important points of grammar not fully treated in the previous course, German s3; composition; dictation; wide reading of German prose. Textbooks: Vos's *Essentials of German,* fifth edition, (New York, Henry Holt & Co.); Chiles's *German Prose Composition,* (Boston, Ginn & Co.). Reading of selected texts.
This course corresponds to the second term of German 3-4 as described in the University catalogue. When successfully completed it will be accepted for credit.

s22. ADVANCED COURSE.
Credit, 1 course. C. I, II, III, IV, V. Ten hours a week. First term. Mr. Toy. Hours: 9:00 and 11:00 daily.
Lectures on German literature. Reading and interpretation of Schiller's Wilhelm Tell and Goethe's Iphigenie auf Tauris.

HISTORY AND GOVERNMENT

History

s31. HISTORY OF THE ORIENT AND EARLY GREECE.
Credit, 1 course. C. I, II, or G. Ten hours a week. First term. Mr. Caldwell. Hours: 8:00 and 10:00.
An advanced course in the history of the Stone and Bronze Ages in the Mediterranean, the beginning of civilization in Egypt, Babylonia, Syria and Palestine, and Crete, and the history of their development down to the time of the Persian Empire. Attention will be given to the hieroglyphic and cuneiform scripts, to economic conditions, government and law, artistic and literary achievements, and religion. Full course.

s33b. THE ROMAN REVOLUTION.
Credit, ½ course. C. I, II, or G. Five hours a week. First term. Mr. Caldwell. Hour: 9:00 daily.

A survey of the revolutionary period from the time of the Gracchi to the establishment of the principate by Augustus. Special attention will be given to the constitutional, social, economic, and cultural phases of the period.

s37. THE PROTESTANT REVOLT.
Credit, ½ course. C. or G. Five hours a week. First term. Mr. Mitchell. Hour: 11:30 daily.
The character of medieval institutions. Europe in 1500. Political, social, and economic environment of the Reformation period. The course of the Reformation, particularly in Germany, France, and Switzerland. Chief personalities and issues involved. Effects. The Catholic Reformation.

s44a. EUROPE, 1870-1914.
Credit, ½ course. C. or G. Five hours a week. First term. Mr. Mitchell. Hour: 12:30 daily.
This course begins with the Franco-Prussian war and analyzes the diplomatic, social, and economic movements culminating in the World War. Special attention is given to the minor states of Europe.

s44b. THE WORLD WAR.
Credit, ½ course. C. or G. Five hours a week. Second term. Mr. Mitchell. Hour: 12:30 daily.
Fundamental and incidental causes of the war. The course of the war, 1914-1918. Effects of the struggle on the various peoples of Europe and motives involved in their participation. The war and European colonies. The numerous treaties and conferences after the armistice. Problems of post-war reconstruction throughout the world. The war guilt question.

s45. EUROPE FROM THE PROTESTANT REVOLT TO THE FRENCH REVOLUTION.
Credit, ½ course. C. or G. Five hours a week. Second term. Mr. Mitchell. Hour: 11:30 daily.
The Thirty Years War and its disastrous consequences for Europe. The rise of France and Russia and the relationship between the powers and the smaller states of Europe. Benevolent despotism and eighteenth century diplomacy. The old regime in continental Europe.

s49a. THE EXPANSION OF EUROPE.
Credit, ½ course. C. or G. Five hours a week. First term. Mr. Mitchell. Hour: 9:00 daily.
A history of the contacts between Europeans and the peoples and lands of Asia, Oceanica, and Africa from the middle of the fourteenth century to the present time. Emphasis on political and social complications resulting from the fusion of the Occident and the Orient.

s49b. THE EXPANSION OF EUROPE (Continuation of s49a).
Credit, ½ course. C. or G. Five hours a week. Second term. Mr. Mitchell. Hour: 9:00 daily.
A history of the contacts between Europeans and the peoples and lands of Asia, Oceanica, and Africa from the middle of the fourteenth century to the present time. Emphasis on political and social complications resulting from the fusion of the Occident and the Orient.

s51. AMERICAN COLONIES IN THE 17TH CENTURY.
Credit, ½ course. C. or G. Five hours a week. First term. Mr. Jack. Hour: 9:00 daily.
A survey of the settlement and development of the American colonies; their institutional and economic life; the growth of a political philosophy.

s53. THE UNITED STATES, 1787-1830.
Credit, ½ course. C. or G. Five hours a week. First term. Mr. Jack. Hour: 10:00 daily.

The formation of the government; constitutional problems; the Jeffersonians; westward extension; the new democracy.

s55. THE CIVIL WAR, 1861-1865.
Credit, ½ course. C. or G. Five hours a week. Second term. Mr. Ramsdell. Hour: 9:00 daily.
The emphasis will be upon the war efforts of both North and South, economic organization, social and political developments, and constitutional problems.

s58. THE UNITED STATES SINCE 1898.
Credit, ½ course. C. or G. Five hours a week. First term. Mr. Arnett. Hour: 8:00 daily.
The rise of American imperialism, the growth of big business, the Progressive movement, the Wilson policies, the World War and its aftermath in the United States are among the topics treated in this course. Lectures and class discussions.

s59. HISTORY OF NORTH CAROLINA, 1584-1789.
Credit, 1 course. C. or G. Ten hours a week. First term. Mr. Arnett. Hours: 11:30 and 12:30 daily.
A study of the political, social, economic and cultural history of North Carolina during the colonial and Revolutionary periods. Lectures, reports, discussions.

s65. ECONOMIC AND SOCIAL HISTORY OF THE UNITED STATES, 1787-1830.
Credit, ½ course. C. or G. Five hours a week. Second term. Mr. Woodhouse. Hour: 10:00 daily.
A careful analysis of the economic factors, institutions, conflicts and transitions among the people of the United States during this period and of the accompanying and related social influences and results.

s75. THE OLD SOUTH, 1820-1860.
Credit, ½ course. C. or G. Five hours a week. Second term. Mr. Ramsdell. Hour: 8:00 daily.
A review of the economic, social and political development of the antebellum South, with special attention to the growth of sectionalism and the causes of the movement for southern independence.

s121. SEMINAR IN THE JACKSONIAN PERIOD.
Hours to be arranged. G. First term. Mr. Jack. Selected problems in the Jacksonian period.

GOVERNMENT

s1. NATIONAL GOVERNMENT OF THE UNITED STATES.
Credit, ½ course. C. or G. Five hours a week. Second term. Mr. Woodhouse. Hour: 8:00 daily.
An intensive study of the Federal Government of the United States with special attention to its history, its organic structure and its actual, present operation.

s36. INTRODUCTION TO LOCAL GOVERNMENT IN THE UNITED STATES.
Credit, ½ course. C. or G. Five hours a week. Second term. Mr. Woodhouse. Hour: 11:30 daily.
An historical survey of the development of governmental organization and functions in cities, towns and other local political units of the states in the United States with special attention to local government in North Carolina.

LATIN

Courses for Undergraduates

s3. LATIN POETRY.
Credit, 1 course. C. I, II. Five hours a week. Both terms. Mr. Gwynn. Hour: 8:00 daily.
This course comprises the reading of the *Phormio* of Terence and of selected *Odes* of Horace. Emphasis is put on content and literary form. It carries the same credit as Latin 3 of the regular session.

s11. THE TEACHING OF LATIN IN THE HIGH SCHOOL.
Credit, ½ course. C. I, II. Five hours a week. First term. Mr. Gwynn. Hour: 9:00 daily.
A course for teachers, based on authors usually read in the high school. The topics to be discussed will include: assignment of lessons, grammar, vocabulary, translation, use of outside material in the interpretation of the text, methods of recitation; lectures, assigned readings, reports, and discussions.

s19. CAESAR.
Credit, ½ course. C. I, II. Five hours a week. First term. Mr. Gwynn. Hour: 10:00 daily.
The course will deal with the reading of Caesar's Gallic and Civil Wars, and with the politics and history of the period.

s21. VERGIL.
Credit, ½ course. C. I, II. Five hours a week. Second term. Mr. Gwynn. Hour: 10:00 daily.
The course will deal with the material used in the high school, and is intended to afford opportunity for review and for a study of the structure and meaning of the Aeneid as a whole.

s76. MATERIALS AND METHODS OF TEACHING HIGH SCHOOL LATIN.
Credit, ½ course. C. I, II. Five hours a week. Second term. Mr. Gwynn. Hour: 9:00 daily.
History and tendencies of instruction in Latin, detailed study of high school Latin texts and methods of using them, bibliographies. Discussions and Reports.

Courses for Graduates and Advanced Undergraduates

s20. CICERO.
Credit, ½ course. C. or G, I, II. Five hours a week. First term. Mr. Harrer. Hour: 11:00 daily.
The course will deal with the orations of Cicero, and include also his life and literary works in general. An aim of the course is to secure an understanding of Cicero which will provide a background for the teaching of the orations in the high school.

s52. THE POETRY OF OVID.
Credit, ½ course. C. or G. Five hours a week. First term. Mr. Howe. Hour: 12:00 daily.
The biography of the poet, the form and content of his several works, and special study of certain critical problems. Lectures, readings and reports.

s55. LATIN LITERATURE.
Credit, ½ course. C. or G. Five hours a week. Second term. Mr. Howe. Hour: 12:00 daily.
The historical development of the Latin Literature from the beginning through the Augustan age. Lectures and reports on readings in English translation.

Courses Primarily for Graduates

s101a and 101b. SEMINAR COURSE.
Credit, 1 course. C. or G. Five hours a week. Both terms. Mr. Howe. Hour: 10:00 daily.
This course is designed for students reading for an advanced degree. Its subject, to be chosen according to the needs of the class, will be the critical study of an author or period in Latin literature. Half credit will be given for either term.

s104. LATIN EPIGRAPHY.
Credit, ½ course. C. or G. Five hours a week. First term. Mr. Harrer. Hour: 10:00 daily.
An introductory course concerned with the deciphering and translating of inscriptions, together with a detailed study of significant inscriptions and their value in the field of Roman studies.

s110. THESIS COURSE.
First term. Mr. Howe and Mr. Harrer.
For graduate students only who desire to work on their dissertations for an advanced degree. Individual topics, and individual conferences. The work carries credit only in connection with the completed dissertation.

LIBRARY SCIENCE

Courses for Undergraduates

s1. LIBRARY ORGANIZATION AND METHODS.
Credit, ½ course. C. I, II. Five hours a week. First term. Mr. Baker. Hour: 9:00 daily.
An elementary course in the organization and management of school and public libraries. Technical lectures on the care of books, accession records, charging systems, binding and book mending, care of periodicals and pamphlets, library planning and furniture. Also lectures on the relation of the school librarian to the teachers and pupils. Assigned readings.

s2. CLASSIFICATION AND CATALOGUING.
Credit, ½ course. C. I, II. Five hours a week. First term. Miss Thompson. Hour: 10:00 daily.
A course devoted to the study of the principles of classification and cataloguing and their application in the administration of school and public libraries. Lectures, assigned readings, and text books, with required practice in the University library.

s3. REFERENCE AND BIBLIOGRAPHY.
Credit, ½ course. C. or G. I, II. Five hours a week. First term. Mr. Baker. Hour: 11:00 daily.
A course for college students, teachers, and librarians on the use of books. Instruction is given as to the kind of information specific reference books, dictionaries, and encyclopedias contain. Special emphasis is laid on methods of assisting others to find material in school and public libraries for school use. Practice with the reference books of the University library and the preparation of an extensive bibliography on some subject to be assigned will be required. Lectures and problems.

s4. CHILDREN'S LITERATURE.
Credit, ½ course. C. I, II. Five hours a week. Each term. Miss Beust. Hour: 10:00 daily.
The aim of the course is to teach the student to understand the varying appeal books make to children and to select them with consideration for the different age groups and differing reading backgrounds. The importance of

myths, legends, and fairy tales will be indicated and attention will be paid to the writing of booknotes on various types of children's books.

s5. BOOK SELECTION AND ALLIED SUBJECTS.
Credit, ½ course. C. I, II. Five hours a week. Each term. Miss Beust. Hour: 12:00 daily.
The object of this course is to cultivate the ability to select the literature best adapted to high school and public libraries. The work consists of reading and reviewing selected books; practice in the writing of booknotes; the study of the principal aids to book selection; the checking of current book lists; discussion of American publishers; and the study of the best methods of ordering and of keeping office records.

MATHEMATICS

Courses for Undergraduates

s1. (Alg.) COLLEGE ALGEBRA.
Credit, 1 course. C. I, II, III, IV. Five hours a week. Through both terms. First term, Mr. Lasley. Second term, Mr. Hobbs. Hour: 8:00 daily.
Graphical methods, Quadratics, Complex Numbers, Introduction to Theory of Equations, Elementary Mathematics of Finance, Determinants. Mathematics s1 and s2 together are equivalent to Mathematics 1 and 2 in the General Catalogue.

s2. (Trig.) PLANE TRIGONOMETRY.
Credit, 1 course. C. I, II, III, IV. Five hours a week. Through both terms. First term, Mr. Winsor. Second term, Mr. Mackie. Hour: 11:30 daily.
A general course dealing with trigonometric functions, unit circle, radian measure, identities, equations, angle sum and difference, formulas with especial attention to the solution of triangles, right and oblique.

s3. ANALYTIC GEOMETRY.
Credit, 1 course. C. I, II. Five hours a week. Through both terms. First term, Mr. Henderson. Second term, Mr. Mackie. Hour: 12:30 daily.
The algebraic or analytic method in geometry. Special stress is put upon the locus of an equation and the equation of a locus. The conic sections are studied as well as various other curves, especially the exponential and periodic types. Text: Smith and Gale, *New Analytic Geometry.*
Note: This course will be cancelled if not applied for by as many as six students by June 19.

s4. DIFFERENTIAL CALCULUS.
Credit, 1 course. C. I, II. Five hours a week. Through both terms. First term, Mr. Winsor. Second term, Mr. Mackie. Hour: 8:00 daily.
The derivatives of functions and their applications to geometry and mechanics. Text: Granville's *Differential and Integral Calculus.*

s5. INTEGRAL CALCULUS.
Credit, 1 course. C. I, II, or G. Five hours a week. Both terms. First term, Mr. Winsor. Second term, Mr. Hobbs. Hour: 12:30 daily.
This course centers around the idea of the definite integral, considering in detail problems arising in geometry and the physical sciences, including length of curves, areas, volumes, moment of inertia, etc.

Courses for Graduates and Advanced Undergraduates

s50. THEORY OF EQUATIONS.
Credit, 1 course. C. I, II, or G. Five hours a week. Through both terms. First term, Mr. Lasley. Second term, Mr. Browne. Hour: 9:00 daily.
Prerequisite, Mathematics 5.

Indispensable for students intending to prosecute studies in the higher branches of pure mathematics. Such subjects as the solution of equations of higher degree, transformations, determinants, elimination, invariants and covariants, and symmetric functions are treated in detail. The student is afforded a survey of the general problem and the basic principles of the formation, handling, and evolution of equations.

s52. PROJECTIVE GEOMETRY.

Credit, 1 course. C. I, II, or G. Five hours a week. Through both terms. First term, Mr. Lasley. Second term, Mr. Browne. Hour: 11:30 daily.

The fundamental notions of projective geometry: projection, section, perspectivity, etc. Both analytic and geometric methods are employed. Projective correspondence, involution, and general projective relations between one-dimensional forms are studied.

s64. INTRODUCTION TO HIGHER ALGEBRA AND GEOMETRY.

Credit, 1 course. G. Five hours a week. Through both terms. First term, Mr. Henderson. Second term, Mr. Hobbs. Hour: 9:00 daily.

Prerequisite, Mathematics 3.

This is a teacher's course for graduate credit, especially devised for teachers who are candidates for the M.A. degree. The course is divided into two parts: (a) higher algebra and (b) higher geometry; and each part counts separately for one-half course. One part deals with bilinear and quadratic forms, limits and series, complex variables, elementary groups, etc. The other part deals with the properties of the triangle and circle from the modern point of view, poles and polars, harmonic division, transformation by reciprocal radii, Brocard points and circles, etc.

s80. HISTORY OF MATHEMATICS.

Credit, ½ course. C. I, II, or G. Five hours a week. Second term, Mr. Browne. Hour: 10:00 daily.

The historical development of the topics of arithmetic, algebra, geometry, trigonometry, and analytical geometry. Biographical sketches of great mathematicians and their contributions to mathematics.

s81. TEACHING OF MATHEMATICS.

Credit, ½ course. C. I, II, or G. Five hours a week. First term, Mr. Henderson. Hour: 10:00 daily.

The purpose, value, and content of courses in high school mathematics; applications of mathematics; junior high school mathematics. Recent changes in the methods of studying mathematics. A careful study will be made of the recommendations of The National Committee on Mathematical Requirements.

MUSIC

Note: All registrations in Music, whether for credit courses or for private instruction, must be made through the head of the Department, Mr. Weaver, at the registration desk or in No. 1 Person Hall; and if desired for credit in the College of Liberal Arts, must be approved by Dean Hibbard.

s3a. MUSIC APPRECIATION.

Credit, ½ course. C. I, II. Five hours a week. First term, Miss Barr. Hour: 4:00 daily.

An illustrated course in music understanding, taking up various phases of the subject from the standpoint of the untrained listener. No previous musical training is necessary for students entering this course.

s5. METHODS IN MUSIC APPRECIATION.

Credit, ½ course. C. II. Five hours a week. First term, Miss Barr. Hour: 12:00 daily.

A methods course in the teaching of music appreciation in the public schools. Students registering for this course should have had teaching experience and training in music equal to that required of grade school teachers.

s7a. SIGHT SINGING AND EAR TRAINING, ELEMENTARY.
Credit, ½ course. C. I, II. Five hours a week. Section I, first term, Miss Hayes; hour: 10:00 daily. Section II, second term, Mr. Wilsbach; hour: 9:00 daily.
A beginners course in the process of reading music at sight and in recognizing and reproducing music at first hearing. The So-fa syllables are used and the material is such as would be read in the first three grades. This course should be taken simultaneously with course s40, but is also open to students not taking s40.

s7b. SIGHT SINGING AND EAR TRAINING, INTERMEDIATE.
Credit, ½ course. C. I, II. Five hours a week. First term. Mr. Kennedy. Hour: 8:00 daily.
A continuation of course s7a, open to any student who can do the work outlined therein. The material for this course is such as would be read in grades four to seven. This course should be taken simultaneously with course s43, but is also open to students not taking s43.

s10. HISTORY OF MUSIC, ANCIENT.
Credit, ½ course. C. I, II. Five hours a week. First term. Mr. McCorkle. Hour: 8:00 daily.
A general survey of music history from its beginnings to approximately the year 1600. An illustrated course, with assigned readings and reports This course does not require previous musical training.

s11. MUSIC HISTORY, CLASSIC AND ROMANTIC PERIODS.
Credit, ½ course. C. I, II. Five hours a week. First term, Mrs. Weaver. Hour: 9:00 daily.
A survey of music history starting approximately with the year 1600 and covering the classic and romantic schools. Although students may enter this course who have had no previous musical training, it is advisable that the course in ancient history be studied prior to this course.

s12. HISTORY OF MUSIC, MODERN.
Credit, ½ course. C. I, II. Five hours a week. First term. Mrs. Weaver. Hours: 10:00 daily.
A study of modern tendencies and modern schools of music.
Prerequisite, Music s11.

s20. HARMONY, ELEMENTARY.
Credit, ½ course. C. I, II. Five hours a week. First term. Mr. Vardell. Hour: 12:00 daily. Prerequisite, a fair degree of facility in reading music notation of the approximate difficulty of the ordinary hymn tune.
This course includes a study of intervals, major and minor diatonic scales, harmonic progressions, cadences, sequences, etc., using the common chord in the root position.

s21. HARMONY INTERMEDIATE.
Credit, ½ course. C. I, II. Five hours a week. First term. Mr. Vardell. Hour: 11:00 daily. Prerequisite, Music s20 or its equivalent.
This course includes the inversions of the common chord, the dominant seventh and its inversions, and natural modulations.

s23a. INSTRUMENTATION.
Credit, ½ course. C. I, II. Five hours a week. First term. Mr. McCorkle. Hour: 9:00 daily.

A practical course in orchestral and band instrumentation, including a study of the various band and orchestra instruments and their technique, and a study of the principles which govern the arrangement of music for these instruments. This course is particularly valuable to students who work with or in orchestras and bands, and to supervisors of music.

s30. GENERAL PROBLEMS OF MUSIC SUPERVISION.

Credit, ½ course. C. II. Five hours a week. First term. Miss Damon. Hour: 11:00 daily.

A survey and study of the problems of school music teaching. This course is planned as a supplement to the public school music methods courses, and all special teachers of music should register for this course in addition to the suitable methods course. The underlying pedagogical, psychological and musical principals of the different series of music texts will be studied and compared.

s40. PUBLIC SCHOOL MUSIC METHODS, PRIMARY GRADES.

Credit, ½ course. C. II. Five hours a week. Section I, first term, Miss Damon; hour: 12:00 daily. Section II, first term, Miss Hayes; hour: 8:00 daily. Section III, second term, Mr. Wilsbach; hour: 8:00 daily.

Materials and methods for grades one to three inclusive; rote songs, singing games, etc.; preparation for and beginning of the sight-reading process. Students in this course must register also for s7a if they have not already passed this course or its equivalent. Sections I and III are based on the Progressive Music Series; section II is based on the Hollis Dann Music Series.

s43. PUBLIC SCHOOL MUSIC METHODS, GRAMMAR GRADES.

Credit, ½ course. C. II. Five hours a week. Section I, first term, Miss Hayes; hour: 9:00 daily. Section II, second term, Mr. Wilsbach; hour: 10:00 daily.

Materials and methods for grades four to seven inclusive. Sight-reading problems, part singing, etc. Prerequisites, courses s40 and s7a or their equivalents. Students in this course must register also for s79 if they have not already passed this course or its equivalent.

s46. HIGH SCHOOL MUSIC METHODS.

Credit, ½ course. C. II. Five hours a week. First term. Miss Damon. Hour: 10:00 daily.

Organization and planning of courses in music for high schools; conducting, grading, voice testing, etc., glee clubs; vocal and instrumental classes.

s50. KINSCELLA CLASS METHOD OF PIANO INSTRUCTION, BEGINNERS.

Credit, ½ course. C. II. June 18-30. Miss Kinscella. Hour: 4 to 6 daily. Observation and practise teaching at hours to be arranged.

A methods course in the class teaching of piano, covering the first year and half of piano instruction. Students in this course are required to register also for s60. Fee, $25 for students regularly enrolled in the summer session; $30 for all others.

s51. KINSCELLA CLASS METHOD OF PIANO INSTRUCTION, ADVANCED.

Credit, ½ course. C. II. June 18-30. Miss Kinscella. Hour: 11:00 to 1:00 daily. Observation and practise teaching at hours to be arranged. Prerequisite, course s50 (in exceptional cases, students will be allowed to register simultaneously for courses s50 and s51).

A continuation of course s50, covering two additional years of piano instruction. Students registering for this work are required to register also for s60. Fee, $25 for students regularly enrolled in the summer session; $30 for all others.

s53. CLASS METHOD OF VIOLIN INSTRUCTION.
Credit, ½ course. C. II. Five hours a week. First term. Mr. McCorkle. Hour: 2:00 daily.
A methods course in the class teaching of violin. The course will include observation of violin class work at periods to be arranged. Students registering for this work are required to register also for s60. Fee, $25 for students regularly enrolled in the summer session; $30 for all others.

s60. DALCROZE EURYTHMICS.
Credit, ½ course. C. II. Five hours a week. First term. Miss Reuschel. Hour to be arranged.
A fundamental course in the study of rhythm and in the expression of the various elements of music through bodily movement. Several sections will be organized at different hours, for both children and adults, allowing the individual to be assigned to a suitable group. Fee for the term, $7.50. A special section will be organized for the two weeks starting June 18th, for Kinscella students only; fee for this section, $3.

Special Courses

sA. INDIVIDUAL INSTRUCTION IN PIPE ORGAN.
No credit. Two half hour periods a week. First term. Mr. Kennedy and Mr. Vardell. Periods to be arranged with the instructor. Registration must be made through the head of the Music Department, not with the University Registrar. Fee, $1.50 per period. A fee of 25c per hour is charged for the use of the practice organ.

sB. INDIVIDUAL INSTRUCTION IN PIANO.
No credit. Two half hour periods a week. First term, Mr. Kennedy and Mr. Vardell. Second term, Mr. Wilsbach. Periods to be arranged with the instructor. Registration must be made through the head of the Music Department, not with the University Registrar. Fee, $1.50 per period.

sC. INDIVIDUAL INSTRUCTION IN VIOLIN.
No credit. Two half hour periods a week. First term, Mr. McCorkle. Periods to be arranged with the instructor. Registration must be made through the head of the Music Department, not with the University Registrar. Fee, $1.50 per period.

sD. INDIVIDUAL INSTRUCTION IN VOICE.
No credit. Two half-hour periods a week. First term, Mr. Troxell. Second term, Mr. Wilsbach. Periods to be arranged with the instructor. Registration must be made through the head of the Music Department, not with the University Registrar. Fee for Mr. Troxell: private lessons, $3; two students to the period, $1.50 each; three students to the period, $1 each. Fee for Mr. Wilsbach: private lessons, $1.50.

sE. INDIVIDUAL INSTRUCTION IN BRASS AND WOODWIND INSTRUMENTS.
No credit. Two half-hour periods a week. First term. Mr. McCorkle. Periods to be arranged with the instructor. Registration must be made through the head of the Music Department, not with the University Registrar. Fee, $1.50 per period.

Note: 1. A fee of $2 for the term is charged for the use of a practice room for one hour daily, for use in connection with courses sB, sC, sD or sE.
2. All fees for music courses are payable in advance, before instruction is begun.
3. No refunds will be allowed for missed lessons.

PHYSICS

Courses for Undergraduates

s1. GENERAL PHYSICS. Part I.
Prerequisite, Mathematics 1-2.
Credit, 1 course. C. Fourteen hours a week. First term. Mr. Patterson, Mr. Stuhlman, and Mr. Mann. Laboratory fee, $2.50. Hours: Lectures, 9:00 daily. Laboratory hours to be arranged to suit students. Text: Weld and Palmer.

s2. GENERAL PHYSICS. Part 2.
Prerequisites, Mathematics 1-2.
Credit, 1 course. C. Sixteen hours a week. Second term. Mr. Plyler, Mr. Trawick and Mr. Ussery. Laboratory fee, $4.00. Hours: Lectures 9:00 daily. Laboratory hours to be arranged to suit students. Text: Weld and Palmer.

s12. ADVANCED GENERAL LABORATORY. X-RAYS AND X-RAY TECHNIQUE.
Credit, ½ course. C. IV. First term. Mr. Stuhlman. Laboratory fee, $25.00. Hours: to be arranged.
(This course will not be given unless the number of applications is sufficient to justify it.)

s14. ASTRONOMY.
Credit, ½ course. C. First term. Mr. Patterson. Lectures, 10:00 daily.
A brief course in descriptive Astronomy, with use of star-maps, lantern slides, telescope, etc. Text: Faith's Elements of Astronomy.

Courses for Graduates and Advanced Undergraduates

One or more of the following courses will be offered during the summer school, dependent upon the number of applications, which should be made in advance to Dr. O. Stuhlman for the first term, and to Dr. E. K. Plyler for the second term.

s5. HEAT AND THERMODYNAMICS.

s6. MECHANICS AND WAVE MOTION.

s7. MODERN ELECTRICAL THEORY.

s8. ADVANCED ELECTRICITY AND MAGNETISM.

PSYCHOLOGY

Courses for Undergraduates

s1. GENERAL PSYCHOLOGY: First Half.
Credit, 1 course. C. I, II, III, IV, V. Twelve hours a week. First term. Laboratory fee, $2.00. Lecture hours: 9:00 and 10:00 daily. Laboratory hours to be arranged.
The aim of the course is to present the essential phenomena of the general field of psychology, and the various theoretical and experimental methods of its approach. Lectures and experiments. This is equivalent to the first half of Psychology 1-2 scheduled in the University catalogue. This course, with course s2, or equivalent, is prerequisite to all other courses in Psychology.

s2. GENERAL PSYCHOLOGY: Second Half.
Credit, 1 course. C. I, II, III, IV, V. Twelve hours a week. Second term. Laboratory fee, $2.00. Lecture hours: 9:00 and 10:00 daily. Laboratory hours to be arranged.

Continuation and completion of course Psychology s1. Equivalent to second half of Psychology 1-2 scheduled in University catalogue. This course, with s1, is prerequisite to all other courses in psychology.

Courses Primarily for Graduates

s104a. ADVANCED GENERAL PSYCHOLOGY: First Half.
Credit, ½ course. G. Five hours a week. First term. Laboratory fee, $1.00. Hour: 9:00 daily.
An intensive study is made of the general field of psychology, by the use of selected readings from many sources and of typical experiments. This course is designed especially for those mature students whose foundation in psychology needs review and strengthening before electing special courses in the subject.

ROMANCE LANGUAGES

FRENCH

Courses for Undergraduates

s1. ELEMENTARY COURSE.
Credit, 1 course. E. Ten hours a week. First term. Mr. Wiley. Hours: 8:00 and 12:00 daily.
Essentials of French Grammar. Special drill in pronunciation. It is aimed to make this course as practical as possible, with much oral work.

s2. ELEMENTARY COURSE.
Credit, 1 course. E. Ten hours a week. Second term. Mr. Smith. Hours: 8:00 and 12:00 daily.
Continuation of French s1.

s3. CONTINUATION OF FRENCH 1-2.
Credit, 1 course. C. I, II, III, IV, V. Five hours a week. Through both terms. First term, Mr. Giduz. Second term, Mr. Smith. Hour: 9:00 daily.
Reading of modern French literature, frequent composition, and dictation.

s4. CONTINUATION OF FRENCH s3.
Credit, 1 course. C. I, II, III, IV, V. Five hours a week. Through both terms. First term, Mr. Wiley. Second term, Mr. Holmes. Hour: 11:00 daily.

s5. INTRODUCTION TO THE STUDY OF FRENCH LITERATURE.
Credit, 1 course. C. I, II, III, IV. Five hours a week. Through both terms. Mr. Wilson. Hour: 10:00 daily.
A general survey of French literature during the 17th century, with some reference to preceding literary movements. Reading of plays of Corneille, Racine, and Molière.

s7. FRENCH CONVERSATION AND COMPOSITION.
Credit, 1 course. C. I, II, III. Five hours a week. Through both terms. Mr. Giduz. Hour: 10:00 daily.
The object of this course is to provide students with an opportunity to acquire practice in speaking and writing French.

Courses for Graduates and Advanced Undergraduates

s12. FRENCH LITERATURE OF THE SEVENTEENTH CENTURY.
Credit, 1 course. C. or G. I, II. Five hours a week. Through both terms. Mr. Wilson. Hour: 9:00 daily.
A study of the literature of the reign of Louis XIV.

s14. FRENCH PHONETICS.
Credit, 1 course. C. or G. I, II. Five hours a week. Through both terms. Mr. Wilson. Hour: 11:00 daily.
A detailed study of the French vowel and consonant sounds by the phonetic method. This course is required of candidates for the master's degree, and it should be elected by any one who intends to teach French.

s26. HISTORY OF THE FRENCH LANGUAGE.
Credit, 1 course. C. or G. I, II. Five hours a week. Through both terms. Mr. Holmes. Hour: 10:00 daily.
A general survey from the origins to the present day, with especial emphasis upon the period, 1500-1900.

Courses Primarily for Graduates

s121. OLD FRENCH.
Credit, 1 course. G. Five hours a week. Through both terms. Mr. Holmes. Hour: 12:00 daily.
French phonology and morphology. Reading of the oldest texts.

s141. RESEARCH.
Credit, 1 course. G. Through both terms. (Research in a special field under the direction of a member of the department.)

SPANISH

Courses for Undergraduates

s1. ELEMENTARY COURSE.
Credit, 1 course. E. Ten hours a week. First term. Mr. Stoudemire. Hours: 8:00 and 12:00.
Essentials of Spanish grammar. Special drill in pronunciation. It is aimed to make this course as practical as possible.

s2. ELEMENTARY COURSE.
Credit, 1 course. E. Ten hours a week. Second term. Mr. Stoudemire. Hours: 8:00 and 12:00 daily.
Continuation of Spanish s1.

Courses for Graduates and Advanced Undergraduates

s11a. THE THEATRE OF LOPE DE VEGA.
Credit, ½ course. C. or G. I, II. Five hours a week. First term. Mr. Kane. Hour: 8:00 daily.
Reading of representative plays of Lope de Vega with consideration of earlier Spanish dramatists. Lectures, oral and written reports.

s11b. CONTINUATION OF SPANISH 11a.
Credit, ½ course. C. or G. I, II. Five hours a week. Second term. Mr. Adams. Hour: 8:00 daily.
Reading of representative plays of Guillen de Castro, Tirso de Molina and Ruiz de Alarcón. Lectures, oral and written reports.

s19a. EARLY PROSE FICTION.
Credit, ½ course. C. or G. I, II. Five hours a week. First term. Mr. Kane. Hour: 12:00 daily.
A study of Spanish prose fiction up to the beginning of the seventeenth century, with special emphasis upon the novel of roguery. Lectures, oral and written reports.

s19b. CONTINUATION OF SPANISH 19a.
Credit, ½ course. G. or C. II. Five hours a week. First term. Mr. Adams. Hour: 12:00 daily.
A study of Cervantes' *Don Quijote* and *Novelas Ejemplares,* with consideration of other short story writers of this period. Lectures, oral and written reports.

s21a. MODERN SPANISH NOVEL.
Credit, ½ course. C. or G. I, II. Five hours a week. First term. Mr. Kane. Hour: 11:00 daily.
A study of contemporary Spanish novelists, with special attention to Baroja, Blasco Ibáñez, and León. Lectures, oral and written reports.

s21b. CONTINUATION OF SPANISH 21a.
Credit, ½ course. C. or G. I, II. Five hours a week. Second term. Mr. Adams. Hour: 11:00 daily.
Continuation of s21a, with special consideration of Valle Inclán, Miró, and Pérez de Ayala. Lectures, oral and written reports.

Courses Primarily for Graduates

s141. RESEARCH.
Open to graduates only. Both terms.
(Research in a special field under the direction of a member of the department.)

RURAL SOCIAL ECONOMICS

Courses for Undergraduates

s10. RURAL SOCIAL PROBLEMS.
Credit, ½ course. C. I, II. Five hours a week. First term. Mr. Hobbs. Hour: 9:00 daily.
Intensive studies of (1) the solitary farmstead and the country community, (2) farm tenancy, (3) country illiteracy, (4) rural health, (5) the country school, (6) rural citizenship, (7) the country church. Special laboratory studies for graduate students. Required text: Boyle's *Rural Problems in the United States.* Collateral readings: *Report of Roosevelt's Country Life Commission.* Plunkett's *Rural Life Problems of the United States,* Fiske's *Challenge of the Country.*

s12. RURAL ECONOMICS.
Credit, ½ course. C. I, II. Five hours a week. First term. Mr. Wager. Repeated in second term. Hour: 11:00 daily.
An analysis of the agricultural situation in the nation and the state and a study of some of the major problems involved. This includes (1) a brief historical sketch of American agriculture, (2) the economics of agriculture, (3) land, labor and capital as factors in agricultural production and ways of economizing these factors, (4) the distribution of agricultural products and agricultural income, (5) farm tenantry—its origin, advantages, disadvantages, and remedies, (6) rural credits, (7) coöperation in farm enterprises and rural activities, (8) a well-balanced farm system.

s15. THE RURAL COUNTY AND ITS INSTITUTIONS.
Credit, ½ course. C. I, II. Five hours a week. First term. Mr. Wager. Repeated in second term. Hour: 8:00 daily.
An examination of the North Carolina county in the attempt to discover its larger possibilities as a unit of country life development. Such elements will be considered as territory, population, roads, markets, schools, libraries, charitable and correctional institutions, public health, public welfare, recreation, farm and home demonstration work, and the problems of taxation and government which are involved.

s16. LABORATORY COURSE ON THE HOME COUNTY.
Credit, ½ course. C. I, II. Ten hours a week. First term. Mr. Wager. Repeated in the second term. Hours: To be arranged to suit students.
Studies of the student's home county, embracing geography, history, population, notable characters produced, natural resources, agriculture, industries, towns, government, social organizations, distinctive attractions, etc. It is hoped that these brief chapters, accompanied by well-selected pictures, can be assembled into attractive and useful county geography supplements.

s20. NORTH CAROLINA: ECONOMIC AND SOCIAL.
Credit, ½ course. C. I, II. Five hours a week. First term. Mr. Hobbs. Repeated in second term. Hour: 10:00 daily.
This course is designed to familiarize the student with North Carolina: Social areas, population, agriculture, resources, social life, industrial development, wealth and welfare. This course is valuable for teachers whose subjects deal with North Carolina.

s21. BRIEF HISTORY OF AGRICULTURE.
Credit, ½ course. C. I, II. Five hours a week. Second term. Mr. Hobbs. Hour: 9:00 daily.
This course outlines the history of agriculture from its earliest beginnings to the present. Earliest beginnings; Rome and Greece; later agriculture in Europe; history of American agriculture.

Courses Primarily for Graduates

s108. RURAL SOCIAL-ECONOMICS.
Credit, 1 course. G. Five hours a week. First term. Mr. Branson. Hours: 8:00 a. m., and 4:00 to 6:00 daily.
Texts and Teaching of Rural Social-Economics in high schools, for senior high school teachers, high school principals, county superintendents, teachers of Rural Social-Economics in summer schools and junior colleges. Consisting (a) of class instruction 8 a. m. daily, and (b) of afternoon seminars 4-6 daily, or such other hours as suit the student's schedule.

SOCIOLOGY

Courses for Undergraduates

s1a. INTRODUCTION TO SOCIOLOGY.
Credit, ½ course. C. I, II. Five hours a week. First term. Mr. Sanders. Hour: 8:00 daily.
A course in the elements of social theory and its application to modern social problems and relations to other social sciences. Study and analysis of such factors as population, institutions, social movements, social structure, and social organization for the purpose of giving students a working knowledge of the nature of society.

s1b. INTRODUCTION TO SOCIOLOGY.
Credit, ½ course. C. I, II. Five hours a week. Second term. Mr. Sanders. Hour: 8:00 daily. (Continuation of s1a. No new registrations.)
A course in the elements of social theory and its application to modern social problems and relations to other social sciences. Study and analysis of such factors as population, institutions, social movements, social structure, and social organization for the purpose of giving students a working knowledge of the nature of society.

s1a. INTRODUCTION TO SOCIOLOGY.
Credit, ½ course. C. I, II. Five hours a week. Second term. Mr. Sanders. Hour: 11:00 daily.

A course in the elements of social theory and its application to modern social problems and relations to other social sciences. Study and analysis of such factors as population, institutions, social movements, social structure, and social organization for the purpose of giving students a working knowledge of the nature of society.

s10a. THE STUDY OF SOCIAL PROBLEMS. Section I.
Credit, ½ course. C. I, II. Five hours a week. First term. Mr. Meyer. Hour: 10:00 daily.
The study of modern social problems. Part 1. The individual in relation to Society. Part 2. The Modern Problems, classified in accordance with the six major social institutions. Part 3. Democracy, Public Welfare, and Social Progress.

s10a. THE STUDY OF SOCIAL PROBLEMS. Section II.
Credit, ½ course. C. I, II. Five hours a week. First term. Mr. Odum. Hour: 12:00 daily.
The study of modern social problems. Part 1. The individual in relation to Society. Part 2. The Modern Problems, classified in accordance with the six major social institutions. Part 3. Democracy, Public Welfare, and Social Progress.

s10b. THE STUDY OF SOCIAL PROBLEMS. Sections I and II (Combined for Second Term.)
Credit, ½ course. C. I, II. Five hours a week. Second term. Mr. Meyer. Hour: 10:00 daily.
Continuation of s10a.

s10a. THE STUDY OF SOCIAL PROBLEMS.
Credit, ½ course. C. I, II. Five hours a week. Second term. Mr. Brooks. Hour: 10:00 daily.
The study of modern social problems. Part 1. The individual in relation to Society. Part 2. The Modern Problems, classified in accordance with the six major social institutions. Part 3. Democracy, Public Welfare, and Social Progress.

s25. EXTRA-CURRICULAR ACTIVITIES.
Credit, ½ course. C. I, II. Five hours a week. Second term. Mr. Meyer. Hour: 9:00 daily.
Extra-curricular activities of the school are presented with special emphasis upon high school interests. While the course gives a certain amount of theory it is mainly practical in value. The significance topics studied include: 1. Clubs, 2. Student Participation in School Government, 3. Physical Education, 4. Publicity in School Publications, 5. Commencement, 6. Many Miscellaneous Topics—The Assembly, Festival Days, Suggestions to Leaders, Home Room Activities, Programs, Dramatics, Point Systems, and others, 7. Contributions from National Agencies Interested in Extra-Curricular activities, 8. Theoretical Studies of Institutions promoting successful programs, 9. Bibliographical materials, and 10. Suggestions and Aids for Leadership.

Courses for Graduates and Advanced Undergraduates

s4a. EDUCATIONAL SOCIOLOGY.
Credit, ½ course. G. or C. I, II. Five hours a week. First term. Mr. Groves. Hour: 10:00 daily.
Standards of measurement of progress. Survey of sociological principles involved in their applications in education, politics, government, and social work. The effective use of sociology in directing and controlling group progress, social institutions, democracy and in the development of the total social personality of the individual. The coördination of institutional modes of activity and the enrichment, through coöperation, of social organization.

s11a. THE FAMILY.
Credit, ½ course. G. or C. II. Five hours a week. First term. Mr. Groves. Hour: 11:00 daily.
Early forms of the family in primitive society; its historical development; history of marriage; the modern family and its problems.

s11a. THE FAMILY.
Credit, ½ course. G. or C. II. Five hours a week. Second term. Mr. Brooks. Hour: 8:00 daily.
Early forms of the family in primitive society; its historical development; history of marriage; the modern family and its problems.

s11b. THE FAMILY.
Credit, ½ course. G. or C. II. Five hours a week. Second term. Mr. Brooks. Hour: 11:00 daily.
Continuation of s11a. No new registrations.
Early forms of the family in primitive society; its historical development; history of marriage; the modern family and its problems.

s14a. FAMILY CASE WORK.
Credit, ½ course. G. or C. I, II. Five hours a week. First term. Mr. Sanders. Hour: 9:00 daily.
Discussion of the relation of the individual to the family and the family to the community. The technique of case work and its scientific approach—methods of investigation, interviewing, social evidence, sources, diagnosis and treatment. Class work is supplemented by visits to social agencies in neighboring cities and by field work under the supervision of members of the staff of the School of Public Welfare.

s14b. FAMILY CASE WORK.
Credit, ½ course. G. or C. I, II. Five hours a week. Second term. Mr. Sanders. Hour: 9:00 daily.
Discussion of the relation of the individual to the family and the family to the community. The technique of case work and its scientific approach—methods of investigation, interviewing, social evidence, sources, diagnosis and treatment. Class work is supplemented by visits to social agencies in neighboring cities and by field work under the supervision of members of the staff of the School of Public Welfare.

s23. THEORY OF PLAY AND RECREATION.
Credit, ½ course. G. or C. I, II. Five hours a week. First term. Mr. Meyer. Hour: 9:00 daily.
The Theory of Play and Recreation. In this course the play movement is given with emphasis on the present need of play and how play is promoted. A study is made of play tendencies—hunting, fighting, and housing as illustrations. Sex and age differences studied. Classification of movements and interests form a part of the course. The physical, mental, moral, and social values stressed. Play theories, definitions, and standards presented.

s28a. JUVENILE DELINQUENCY.
Credit, ½ course. G. or C. II. Five hours a week. First term. Mr. Sanders. Hour: 11:00 daily.
Juvenile Delinquency. This course deals with the diagnosis and treatment of juvenile delinquency from the social worker's viewpoint. Under *diagnosis* will be taken up the methodology of the social scientists in this field, and the evaluation of the different causative factors of juvenile delinquency. Under *treatment* will be covered the work of the juvenile court, probation, parole, and institutional care.

Courses Primarily for Graduates

s107a. ADVANCED SOCIAL PROBLEMS. Section I.
Credit, ½ course. G. I, II. Five hours a week. First term. Mr. Meyer. Hour: 10:00 daily.

The study of modern social problems. Part 1. The individual in relation to society. Part 2. The Modern Problems, classified in accordance with the six major social institutions. Part 3. Democracy, Public Welfare, and Social Progress.

s107a. ADVANCED SOCIAL PROBLEMS. Section II.
Credit, ½ course. G. I, II. Five hours a week. First term. Mr. Odum. Hour: 12:00 daily.
The study of modern social problems. Part 1. The individual in relation to society. Part 2. The Modern Problems, classified in accordance with the six major social institutions. Part 3. Democracy, Public Welfare, and Social Progress.

s107b. ADVANCED SOCIAL PROBLEMS. Sections I and II combined.
Credit, ½ course. G. I, II. Five hours a week. Second term. Mr. Meyer. Hour: 10:00 daily.
The study of modern social problems. Part 1. The individual in relation to society. Part 2. The Modern Problems, classified in accordance with the six major social institutions. Part 3. Democracy, Public Welfare, and Social Progress.

s122a. ADVANCED EDUCATIONAL SOCIOLOGY.
Credit, ½ course. G. I, II. Five hours a week. First term. Mr. Groves. Hour: 10:00 daily.
Standards of measurement of progress. Survey of sociological principles involved in their applications in education, politics, government, and social work. The effective use of sociology in directing and controlling group progress, social institutions, democracy and in the development of the total social personality of the individual. The coördination of institutional modes of activity and the enrichment, through coöperation, of social organization.

s123a. HISTORICAL SOCIOLOGY.
Credit, ½ course. G. I, II. Five hours a week. First term. Mr. Odum. Hour: Afternoon or evening.
A study of the leading social theorists and their contribution to human thought and welfare. Research into the theories of some selected writers.

ZOOLOGY

Courses for Undergraduates

s1 (a). FUNDAMENTALS OF ANIMAL BIOLOGY. (Required accompanying course Zoölogy s1 (b).) Credit, ½ course. C. I, II, III, IV, V. Six hours a week. First term. Mr. Beers. Hours: Lectures, 8:00 daily. Laboratory, see s1b below.
Sophomore, Junior, and Senior elective. Required accompanying course, Zoölogy 1 (b). Elements of Anatomy, Physiology, and classification of animals.

s1 (b). PRACTICAL STUDIES. (Required accompanying course Zoölogy s1 (a).)
Credit, ½ course. C. I, II, III, IV, V. Six hours a week, two lecture hours, eight laboratory hours. First term. Mr. Beers and assistant. Laboratory fee, $5.00. Hours: Laboratory Section I, 9:00 to 11:00, M. T. W. Th. and F.; Section II, 2:00 to 4:00, M. T. W. Th. and F.
Sophomore, Junior and Senior elective. Required accompanying course, Zoölogy 1 (a).
Dissection of animals and study of tissues, to give foundation for an understanding of the organization and functions of vertebrate animals and especially of man.

PART III—DIVISION OF ELEMENTARY EDUCATION

This new division of the Summer School takes the place of the Normal School Division of former years. The curriculum here outlined which leads to the degree of Bachelor of Arts in Education is designed to prepare teachers for the primary and grammar grades of our public schools. The courses that go to make up this curriculum might as well be listed in the appropriate departments of the University as shown in Section II. Many of them are so listed. These courses are for the present listed separately in order to give emphasis to this new division of the School of Education and in order to show more clearly their relation to other curricula.

It is readily seen that most of the academic courses called for in the curriculum for elementary teachers are already set up in the several departments of the University. This is true particularly of some of the elective courses in Education, several of the courses in English, and of the academic courses from which majors and minors are to be chosen.

Outline of Curriculum for Elementary Teachers

Education (9 Courses).

Introduction to Education, (Education 5); Sophomore year	1 course
Materials and Methods, (Educ. 82-83-84); Junior year	3 courses
Psychology of Elementary School Subjects, (Educ. 63); Senior year	1 course
Directed Teaching, (Educ. (Educ. 85-86); Senior year	2 courses
A minimum of two courses to be elected by student and approved by his adviser in junior and senior years: (A course in philosophy of education is suggested)	2 courses

English (6 Courses).

A Minimum of English 1, 3, 4, (or 5)	3 courses
1 course in American Literature	1 course
1 course in children's literature	1 course
1 course in reading and speech	1 course

Fine Arts (3 Courses).

Courses to develop desirable attitudes, appreciations and knowledge from which it is hoped will come the power of æsthetic expression.

Music	1 course
Drawing and Art	1 course
Dancing, Pageantry, Plays and Games	1 course

Natural Sciences (3 Courses).

An orientation course in general science, (General Science 1-2)	2 courses
Principles of Geography	1 course

Practical Arts (2 Courses).

The materials, production, design and evolution of food, clothing, house materials and furnishings; utensils, tools, machines, and records as well as the effective selection, care, and use of them	2 courses

Social Sciences (4 Courses).

American History	1 course
European History	1 course
Educational Sociology	1 course
Problems of Citizenship (Including North Carolina History)	1 course

Academic Major (8 Courses) and *Academic Minor* (4 Courses).

An academic major and an academic minor shall be selected by the student at the beginning of the junior year in consultation with his adviser. The academic major may be taken in any academic department in which a student in the College of Arts is permitted to major. At least 8 courses shall be required for an academic major and at least 4 courses shall be required for an academic minor. The courses taken in the major and minor fields prior to the junior year may be counted toward meeting the requirements for the major and the minor, provided that not more than 4 such courses shall apply on the academic major.

Elective courses to complete a minimum of 36 courses required for the degree.

Suggested Sequence of Courses

First Quarter	*Second Quarter*	*Third Quarter*
FRESHMAN YEAR		
English 1	European History	American History
General Science 1	General Science 2	Principles of Geography
Elective	Elective	Elective
SOPHOMORE YEAR		
English 3	English 4 or 5	Education 5
Practical Arts	Practical Arts	Problems of Citizenship
Elective	English 59 or 60	Elective
JUNIOR YEAR		
Materials and Methods (Reading and Study Habits)	Materials and Methods (Content Subjects)	Materials and Methods (Language and Arithmetic)
Music	Educational Sociology	Plays and Games
Elective	Drawing and Art	Elective
SENIOR YEAR		
Psychology of Elementary Education	Directed Teaching	Directed Teaching
Children's Literature	Reading and Speech	Elective
Elective	Elective	Elective

ELEMENTARY EDUCATION

NOTE: The letter "P" when used in connection with the number of a course means that the course is intended for teachers of the primary grades; the letter "G", that the course is intended for teachers of the grammar grades; and the letter X, that the course is intended for teachers of either the primary or the grammar grades.

s60X. THE ELEMENTARY SCHOOL CURRICULUM.

Credit, 1 course. C. II, or G. Five hours a week. Through both terms. Mr. Tyler and Miss Marks. Hour: 9:00 daily.

The construction and organization of the elementary school curriculum when based upon human needs. Includes consideration of the teacher's func-

tion in curriculum construction, objectives of the school subjects, sources of curricular material and criteria for evaluating it, selection and organization of the pupil-activities through which the objectives may be attained.

s68X. INVESTIGATIONS IN READING.

Credit, 1 course. C. II. Five hours a week. Through both terms. Mr. Tyler. Hour: 3:00 daily.

This course will deal more intensively with such phases of the subject as cannot receive adequate emphasis in the regular methods course. Among the topics which will receive special consideration are: recent investigations of reading abilities and their import; children's interests in reading; analysis of the content of readers now in use in school libraries; reading tests; diagnostic and remedial work.

s69. PROBLEMS OF MENTAL HYGIENE FOR TEACHERS.

Credit, 1 course. C. II. Ten hours a week. First term. Mr. Crane. Hour: 10:00 to 12:00 daily.

A consideration of the basic psychological principles underlying all behavior. How and why maladjustment behavior develops. Early evidences of tendencies toward such behavior. Suggestions as to prevention and correction.

s82P. READING AND STUDY HABITS FOR THE PRIMARY GRADES.

Credit, 1 course. C. II. Ten hours a week. Each term. Miss Bradley. Hour: Section I, 8:00 to 10:00—Section II, 10:00 to 12:00 daily. First term. Section I, second term, 8:00 to 10:00.

This course will consider the principles envolved in reading, problems in beginning reading and the various methods of teaching reading, the importance and place of oral and silent reading, word building and reading tests. Consideration is given to methods involved in developing effective study habits.

s82G. READING AND STUDY HABITS FOR THE GRAMMAR GRADES.

Credit, 1 course. C. II. Ten hours a week. Each term. Miss Buker. Hour: Section I, 8:00 to 10:00—Section II, 10:00 to 12:00 daily, first term. Section I, 8:00 to 10:00 daily, second term.

The aim of this course is to become acquainted with the materials and methods of teaching reading as a means of extending the experiences of boys and girls, of stimulating good thinking and arousing interest in a wide variety of reading activities. The chief aim is to train pupils "to translate the printed work into ideals, thoughts, and actions which make for knowledge and efficiency."

s83Xa. MATERIALS AND METHODS OF TEACHING SOCIAL SCIENCES.

Credit, ½ course. C. II. Five hours a week. Each term. Miss Hyman. Hour: Section I, 9:00 to 10:00—Section II, 10:00 to 11:00 daily, first term; 9:00 to 10:00 daily, second term.

This course is designed to give a thorough survey of recent experiments and special studies in subject matter and methods, geography, history and citizenship. Suggestions will be given for utilizing daily activities to develop civic virtues.

s83Xb. MATERIALS AND METHODS OF TEACHING NATURAL SCIENCES.

Credit, ½ course. C. II. Five hours a week. Each term. Hour: 8:00 to 9:00 daily.

Natural Science and Health. The general principles controlling the selection of material and its organization for each grade will be presented. The methods of presenting the subject matter will be demonstrated in connection with certain typical material.

s84Pa. ARITHMETIC PRIMARY NUMBER AND PROJECTS.
Credit, ½ course. C. II. Five hours a week. Each term. Miss Higgins. Hour: Section I, 8:00 to 9:00; Section II, 11:00 to 12:00 daily, first term. Section I, 9:00 to 10:00 daily, second term.
This course will emphasize the development of number concept in primary grades. The place of drill; kind and amount of formal arithmetic in these grades; projects and activities as a basis for the formal number work.

s84Ga. ARITHMETIC FOR THE GRAMMAR GRADES.
Credit, ½ course. C. II. Five hours a week. Each term. Miss Higgins. Hour: Section I, 9:00 to 10:00; Section II, 10:00 to 11:00 daily, first term. Section I, 10:00 to 11:00 daily, second term.
Careful study of the investigations revealing the core of mathematical facts which are necessary for all people to acquire, also methods of teaching these facts thoroughly. Special attention is given to the application of Arithmetic to different situations.

s84Pb. LANGUAGE FOR PRIMARY GRADES.
Credit, ½ course. C. II. Five hours a week. Each term. First term, Miss Bason; Second term, Miss Cobb. Hours: Section I, 9:00 to 10:00; Section II, 10:00 to 11:00 daily, first term. Section I, 10:00 to 11:00 daily, second term.
The object of this course is to teach self-expression of oral and written language in life-like situations. Projects and other activities are made a basis of this work. The educational value of dramatization will be stressed.

s84Gb. LANGUAGE AND COMPOSITION FOR GRAMMAR GRADES.
Credit, ½ course. C. II. Five hours a week. Each term. Miss Hufham. Hour: Section I, 8:00 to 9:00; Section II, 11:00 to 12:00 daily, first term. Section I, 9:00 to 10:00 daily, second term.
This aims to study means of speaking effectively and pleasingly. Written language, obtaining good form through genuine use, including composition, writing and spelling. A study will be made of: (a) Various vocabulary studies; (b) How to encourage pupils to make use of words learned; and (c) How best to measure the results of teaching.

s85X. DIRECTED TEACHING IN THE ELEMENTARY SCHOOL.
Credit, 1 course. C. II. (Not offered in Summer School, 1928).

s86X. DIRECTED TEACHING IN THE ELEMENTARY SCHOOL (Continuation of s85X).
Credit, 1 course. C. II. (Not offered in Summer School, 1928).

s89X. THE VISITING TEACHER AND THE PROBLEM CHILD IN SCHOOL.
Credit, 1 course. C. II. Ten hours a week. First term. Miss Farrell. Hour: 4:00 to 6:00 daily.
The object of this course is to assist the classroom teacher in understanding and dealing with the personality, behavior and scholarship difficulties of children. It will be based upon the experience of visiting teachers who have been engaged in the study and adjustment of such problems and will present practical school situations and how they have been met.
Topics to be included are: 1. Function of the visiting teacher. 2. Growing realization of the significance of behavior and scholarship difficulties. 3. The individual approach of these problems. 4. Analysis of causative factors including developmental history, mental ability, personality make-up, family relationships, companions, recreation, and other social conditions. 5. The adjustment of problems through adaptation or change of attitude in home, community, or school. 6. Utilization of community resources for adjustment and prevention. 7. Practical adaptation of the curriculum to special needs.

ENGLISH

s1X. CHILDREN'S LITERATURE.
Credit, 1 course. C. II. Five hours a week. Through both terms. Miss Beust. Hour: 10:00 daily.
The aim of the course is to create the desire to know the field of children's literature intimately, so that the student may in turn instill the appreciation of the best in poetry and story in his teaching. Myths, folk talks, poetry, stories for telling, informative literature, and fiction will be evaluated for different appeals and age groups of children.

s2X. READING AND SPEECH TECHNIQUE.
Credit, 1 course. C. II. Five hours a week. Through both terms. Miss Hufham. Hour: 2:00 daily.
The course deals with voice production, and the modulation required in English speech. Consideration, minor speech defects and voice hygiene, posture, breath control, quality of tone are carefully dealt with, and some practice in the various phases of oral expression is given each student with suggestions for improvement by members of the class and the instructor.

FINE ARTS

s1P. DRAWING AND ART FOR PRIMARY GRADES.
Credit, 1 course. C. II. Ten hours a week. First term. Miss Swift. Hour: 2:00 to 4:00 daily.
Preparation is given for the art work in the primary grades through teaching the development of play impulses and imagination; color sense, and discrimination; the graphic vocabulary; the sense of orderly arrangement; and introduction to the great realm of art.

s1G. DRAWING AND ART FOR GRAMMAR GRADES.
Credit, 1 course. C. II. Ten hours a week. First term. Miss Swift. Hour: 4:00 to 6:00 daily.
The fundamental objective of the course is the teaching of "Art for Life's Sake." Through this the child will realize that beauty exists in the common things of everyday life as well as in the masterpieces of painting, sculpture, and architecture.

s2X. DANCING AND PAGEANTRY. (Not offered in Summer School, 1928).
Credit, ½ course. C. II.
This course aims to teach self expression, rhythm, sense of color and presentation of dramatic events with the emphasis on the development of spontaneous play activities into pageantry. The development of simple folk dances from singing games, pantomimes and ceremonies. The aim is to show the relation of this material to the development of the child.

s3P. PLAYS AND GAMES FOR THE PRIMARY GRADES.
Credit, 1 course. C. II. Nine hours a week (Class, five hours—laboratory, four hours). Through both terms. Mr. Lauritson. Hour: 4:00 to 6:00 daily. (No outside preparation required.)
The aim of this course is to show teachers how spontaneous play of children may naturally evolve into coöperative play and social life. A study of games will be made from the genetic standpoint. The course will include the theory of play, the playing of games and practice in the construction of games for primary children.

s3G. PLAYS AND GAMES FOR THE GRAMMAR GRADES.
Credit, ½ course. C. II. Nine hours a week (Class, five hours—laboratory, four hours). Through both terms. Mr. Lauritson. Hour: 2:00 to 4:00 daily. (No outside preparation required).

This course includes a study of the theory of play; the playing of games and organization of playgrounds for the children of grammar grades. The state course of study will be the basis of practical work.

PRACTICAL AND INDUSTRIAL ARTS

s1P. INDUSTRIAL ARTS FOR THE PRIMARY GRADES.
Credit, 1 course. C. II. Ten hours a week. First term. Miss Shimel. Hour: 10:00 to 12:00 daily.
This course presents the growth and development of industry and inventions from primitive times to the present day. The use of handicraft is employed to show methods of production. Typical forms of industrial art work appropriate for the primary grades.

s1G. INDUSTRIAL ARTS FOR THE GRAMMAR GRADES.
Credit, 1 course. C. II. Ten hours a week. First term. Miss Shimel. Huor: 2:00 to 4:00 daily.
This course aims to present the industrial studies as they are concerned with the everyday experiences of life. It presents means of teaching children how to become better choosers and better users of materials. The relation of industry and its products to society will be discussed. The use of handicraft is employed to show methods of production.

NATURAL SCIENCE

s1X. GENERAL SCIENCE.
Credit, 1 course. C. II. Ten hours a week. Each term. Mr. Alexander. Hour: 2:00 to 4:00 daily. (Another section which will run through both terms, five hours a week, will be scheduled at 11:00 daily).
This course is designed to orient the student in the world of science. The principles of the natural sciences are developed in relationship to man and the progress of civilization. Applications of scientific principles in daily life are especially emphasized.

s2X. GENERAL SCIENCE—Continuation of General Science S1X. (Not offered in Summer School, 1928, but will be offered in 1929).

s3X. THE PRINCIPLES OF GEOGRAPHY.
Credit, 1 course. C. II. Ten hours a week. First term. Mr. Bynum. Hour: 2:00 to 4:00 daily.
The interrelationship of man and his geographic environment. The principles of geography affecting mankind, particularly the development of commerce and social life, are taught by means of classwork, laboratory exercises and library reading.

s3Xa. THE PRINCIPLES OF GEOGRAPHY. (First half of s3X).
Credit, ½ course. C. II. Five hours a week. First term. Mr. Bynum. Hour: 8:00 daily.
The interrelationship of man and his geographic environment. The principles of geography affecting mankind, particularly the development of commerce and social life, are taught by means of classwork, laboratory exercises and library reading.

SOCIAL SCIENCE

s1X. PROBLEMS OF CITIZENSHIP.
Credit, ½ course. C. II. Five hours a week. Through both terms. Miss Hyman. Hour: 8:00 daily.

The purpose of this course is to furnish the means of instruction and training in the development of those capacities and attitudes desirable in the trained and creative citizens. Emphasis will be upon the inter-relations of home, school community, state and national government.

s2X. NORTH CAROLINA HISTORY.
Credit, ½ course. C. II. Five hours a week. First term. Mr. King. Hour: 8:00 daily.
Special attention will be given to the more important facts in the social, political, and economic development of North Carolina, and to a study of the present social and civic problems of the state.

s3X. AMERICAN HISTORY.
Credit, 1 course. C. II. Ten hours a week. First term. Mr. Brandon. Hours: 8:00 to 10:00 daily.
A general survey of the history of the United States; the social, political and economic conditions in Europe at the time of exploration and colonization; the revolutionary movement and independence; formation of the national government; western expansion; the growth of the democratic spirit; Civil War and reconstruction, the rise of the new South, national expansion, the World War, present-day conditions.

s4X. EUROPEAN HISTORY.
Credit, 1 course. C. II. Ten hours a week. First term. Mr. Brandon. Hours: 2:00 to 4:00 daily.
A general course dealing with the fundamental factors in the history of Modern Europe. The emphasis of the course will be upon the commercial revolution, the Renaissance, the Protestant Revolt, colonial rivalries of European nations, the Old Regime, the French Revolution, the Industrial Revolution, the rise of Democracy, the growth of imperialism and the course of international relations. Lectures, textbooks, and readings.

WRITING

n1. (Writ. 21X) WRITING. Skill. Elective if proficient.
Credit, 1 s. hr. N. First term. Miss Jones.
A justification for legible handwriting is found in its value in teaching all other subjects, as well as in its social value. This course then should be required of all students who cannot make a reasonable score on the Ayres or Thorndike Scales. The course is primarily for skill.

n2. (Writ. 21X) WRITING. Technique.
Credit, 1 s. hr. N. First term. Miss Jones.
The psychology of handwriting; teaching writing in the primary grades; blackboard writing, standard scales for judging handwriting. Additional skill may be acquired as the technique of this course is developed.

PART IV—SPECIAL FEATURES

A varied yet balanced program of instruction, entertainment, and social activities has been provided for the Summer School of 1928. (In the second term the program of attractions and entertainment will be handled entirely by the Y. M.-W. C. A.)

PROGRAM OF ATTRACTIONS: SEASON TICKETS

General admission season tickets for the program of "attractions" for the first term will be sold at $2.00 to regularly registered students desiring to take advantage of this provision. The price to those not connected with the University will be $3.00. The charge for single tickets for the first term will range from 75 cents to $1.00, totaling about $5.00. By purchasing a season ticket, therefore, the Summer School student is given general admission to all the attractions for the term at the price he would pay for single tickets to two of the major attractions. Tickets may be purchased at the Director's office at the time of registration, or at stated hours preceding each performance. The program of "attractions" does not include the "social activities" and "entertainments" put on under the direction of the Y. M.-W. C. A. for which a small charge to cover expenses is made by that organization.

First Term—The attractions for the term to which the holders of general admission season tickets will be admitted will include the following:

1. The Marmeins in a program of Drama Dances, June 21.
2. Coffer-Miller Players, first performance, June 27.
3. Coffer-Miller Players, second performance, June 28.
4. International Singers, July 5.
5. Bernard Ocko, Violinist, July 12.
6. The Carolina Playmakers, July 19 or 20.

Second Term—There will be no general admission tickets for the program of entertainments in the second term. As stated above, the entertainments for the second term will be handled entirely by the Y. M.-W. C. A.

The Marmeins: June 21

On the evening of June 21, the Marmeins, a noted company of artistic dancers will appear before the Summer School in a programme of Drama Dances. This will no doubt prove to be one of the most delightful programs of the summer. Following a recent appearance of the Marmein sisters—Miriam, Irene, and Phyllis—

in an opera festival program given in Washington City, the *Washington Times* had this, among other things, to say: "The first half of the opera festival program projected a dance-drama cycle, with Miriam, Irene, and Phyllis Marmein presenting a fascinating sequence of 'studies in dramatic rhythm', interluded by two orchestral pictures by Lamar Stringfield. . . . The Marmeins . . . scored mightily with their vignettes in movement. Particularly does Miriam bring to the art of Choreography a glory of expression, exemplified in 'The Egyptian Dance', 'The Ship', and 'The First Kill' . . . What the Marmeins do for rhythm resembles in style and pictorial grandeur what Jean Cocteau and Manuel de Falla have done for the ballet. The eloquence, grace, detail, imaginative quality justified the tremendous impression made last night. The audience revelled in this trio's artistry."

The Coffer-Miller Players: June 27-28

On June 27 and 28, the Coffer-Miller Players, a celebrated dramatic company of Chicago, will present two plays, both evening performances. The plays selected for these performances are to be two classic comedies: *A Marriage of Convenience* by Alexander Dumas (Adapted by Sidney Grundy), a brilliant comedy of the Louis XIV period; and *Monsieur Poirier's Son-in-Law* by Emile Augier. "The acknowledged masterpiece of the nineteenth century and one of the finest comedies since Moliere", says Barrett H. Clark. And Eugene Brieux says: "Not a single odious character in this lively and natural comedy."

These players appeared before the Summer School in 1924, 1925, 1926, and 1927. They have given such general satisfaction to the capacity houses that greeted them on these previous occasions that they have ben engaged to return in 1928.

The International Singers: July 5

On July 5, the International Singers, a male quartet, will appear before the Summer School. The quartet is composed of Victor Edmunds, first tenor; George Rasely, second tenor; Erwyn Mutch, baritone; and James Davies, basso. The group is the successor to the famous "de Reszke Singers", both groups having been organized by Mr. Mutch, a pupil of the great Jean de Reszke. The quartet has appeared in several New York recitals and in concerts in many parts of this country, and has won for itself an enviable standing in the concert world. This number will prove a rare treat for the lovers of good music.

Bernard Ocko, Violinist: July 12

Bernard Ocko, one of the most brilliant and outstanding of the younger violinists, will appear before the Summer School July 12. He is an American. He was educated at Columbia University,

and received his violin training at the Institute of Musical Art, New York City, under the late Franz Kneisel. He has appeared as soloist with several symphony orchestras and in joint concert with Marion Talley, Jeritza, and other singers. The music critics have been extravagent in praise of Mr. Ocko's mastery of his art.

Carolina Playmakers: July 19 and 20

On the evenings of July 19, and 20, the Carolina Playmakers will present the final number of the program of attractions for the first term. The plays to be presented will be announced in the *Weekly Bulletin*. This program will be directed by Mr. Hubert Heffner and Mr. Samuel Selden of the Playmakers' staff. Holders of season tickets will be admitted on one of these dates without additional charge.

The Carolina Playmakers under the direction of Professor Koch have won national reputation because of their outstanding creative work in folk-drama. Their productions are always artistic and highly entertaining. Their bill will be one of the most attractive features of the entire program of attractions for the Summer School of 1928.

KINSCELLA INSTITUTE: JUNE 18-30

A special institute for the training of teachers in the Kinscella Method of Class Piano Instruction will be offered from June 18 to 30 inclusive. Two sections will be held simultaneously by Miss Kinscella; section I for beginners in the work, section II for students who have already completed section I. A demonstration class of children from the Chapel Hill, Carrboro, and Durham schools will be used. Section I prepares the teacher to give one and one-half years of instruction in this method; Section II prepares the teacher to give four years of instruction, and students completing section II are given a special certificate in the Kinscella Method. Applications for admittance to this course should be sent in advance to Mr. Paul J. Weaver, Chapel Hill, N. C., and should be accompanied by a check for $10.00 to apply on the fee. The special fee is $25.00 for students regularly enrolled in the Summer School, and $30.00 for special students taking this work only. College credit of one-half course will be allowed for each section of this course when registration is approved by the head of the Department of Music. Credit will be allowed by the State Department of Education for certification credit on certificates of class C or better.

FACULTY RECITALS

During the first term of the Summer School there will be a series of recitals given by the members of the faculty of the Music Department of the University. Definite announcement of these

recitals will be made in the *Weekly Bulletin* while the Summer School is in session.

CONFERENCE ON ELEMENTARY EDUCATION JULY 12-13

July 12 and 13, a two-day conference on Elementary Education in North Carolina will be held at Chapel Hill. This conference is sponsored jointly by the State Department of Education and the Summer School. It will be presided over by Honorable A. T. Allen, State Superintendent of Public Instruction.

More definite announcement concerning the conference will be made later from the office of the State Superintendent of Public Instruction by circular letter to be sent out to State school officials and given publicity through the State press.

RABBI EDWARD ISRAEL: AUGUST 26-27

On August 26 and 27 Dr. Edward Israel, a scholarly Jewish Rabbi of Baltimore, Maryland, will deliver two lectures before the Summer School. Rabbi Israel comes to the Summer School under the auspices of the Jewish Chautauqua Society of America. Those who heard Dr. Israel's two brilliant lectures before the Summer School in 1927 on "Ecclesiastes: A Study in Skepticism" and "The Religion of the Hebrew Prophets" will welcome an opportunity to hear him again. The subjects chosen for his lectures this year are: "The Drama of Spiritual Fundamentals Called the Book of Job" and "The Mysticism of the Psalms."

SUMMER INSTITUTE: JULY 25 TO AUGUST 4

(Conducted by the University Extension Division).

Short courses of training for leadership will be offered this summer of interest to:

Directors of Recreation and Physical Education
Textile Social Workers
Directors of Dramatic Activities
Teachers of Adult Literature
Leaders of Parent-Teacher work.

The annual Coaching School for directors of athletics in high schools and colleges will be held in August.

All courses offered in the Summer Institute are non-credit courses. A certificate is issued for attendance at two or more institutes. A small tuition fee is charged for these short courses.

For full particulars write the University Extension Division.

SOCIAL ACTIVITIES

The committee on Social Activities, H. F. Comer, Chairman, is in control of the evening socials in the gymnasium of all dances

given by student groups. It is the policy of the committee to foster the maximum amount of wholesome social life compatible with good scholarship work. In keeping with this policy, the essential regulations are kept down to the minimum number. There will be dancing in the gymnasium regularly three evenings each week under the management of the social committee, Tuesday, Thursday, and Saturday evenings. On Tuesday and Thursday the dance is of only one hour's length, from 7:15 to 8:15. On Saturday evening, it is of two and one-half hours length from 8:30 to 11:00. Inasmuch as there is no appropriation or fee for defraying the expenses of social programs, the dances have to be self-supporting. Therefore a small door fee is charged of all men at each dance—twenty-five cents for the one-hour dances and fifty cents for the two-and-one-half-hour periods.

Permissions for all dances given by students anywhere and at any time must be obtained in advance from the chairman of the Social Activities Committee.

The highest standard of conduct has characterized our social functions in the past and the Summer School insists that this be the case at all times.

More detailed statement of regulations may be found in the supplementary announcement to be published in June.

SOCIAL EVENING

Each Saturday evening while the Summer School is in session two programs of entertainment will be provided—one at the Gymnasium under the direction and supervision of the Committee on Social Activities, and one in Gerrard Hall or Memorial Hall under the direction of the Y. W.-M. C. A.

APPLICATION FORM—FOR ADMISSION AND FOR ROOM

Each student making application for admission to the Summer School will be asked to fill out a form like the following, or to give the information called for in his or her letter of application. The form as shown here is not to be detached for use by the student but is intended merely to show what information is desired. The regular application blank will be sent on request to any one desiring it.

(In order to be admitted to the University of North Carolina Summer School an applicant must be a graduate of an accredited high school or must hold a regular State Teachers' Certificate).

Post Office.....1928.

DIRECTOR, UNIVERSITY SUMMER SCHOOL:

It is my purpose to attend the University Summer School in 1928. I expect to attend

(Please check).

☐ First Term only.

☐ Both Terms.

☐ Second Term only.

Please reserve a room for me in the.....Building. In case the rooms in this building are all taken when this application is received, my next choice is the.....Building.

I should like to have as my roommate:

.....

(Post Office).....

who expects to attend the Summer School. Room rent ($7.50 each) is herewith enclosed. If I change my post office before Summer School opens, I will notify you.

Signed (Miss, Mrs., or Mr.).....

Personal Information

PLEASE GIVE ALL INFORMATION CALLED FOR BELOW.

What is your age?.....

Do you hold a State Teachers' Certificate?.....

If so, what class is it?.....

Are you a graduate of an Accredited High School?.....

What School? .....

Date of Graduation..... Have you previously attended U. N. C. Summer School?..... When?.....

(over)

INDICATE THE DIVISION AND THE SCHOOL YOU WISH TO ENTER, AS FOLLOWS:

(If you wish to enter the Graduate School, please indicate your preferred major field of study.)

☐ COLLEGE DIVISION—

- ☐ College of Arts
- ☐ School of Education
- ☐ School of Commerce
- ☐ School of Applied Science
- ☐ School of Public Welfare

☐ GRADUATE SCHOOL—

- ☐ Preferred Major Field of Study.....

☐ DIVISION OF ELEMENTARY EDUCATION

In case you wish to enter the Division of Elementary Education, please answer the following questions:

What certificate do you wish to work for?.....

Do you now hold a N. C. State Certificate.....What class is it?.....

Do you have any credit toward this certificate?.....When Issued?.....

How much?..... Where obtained?.....

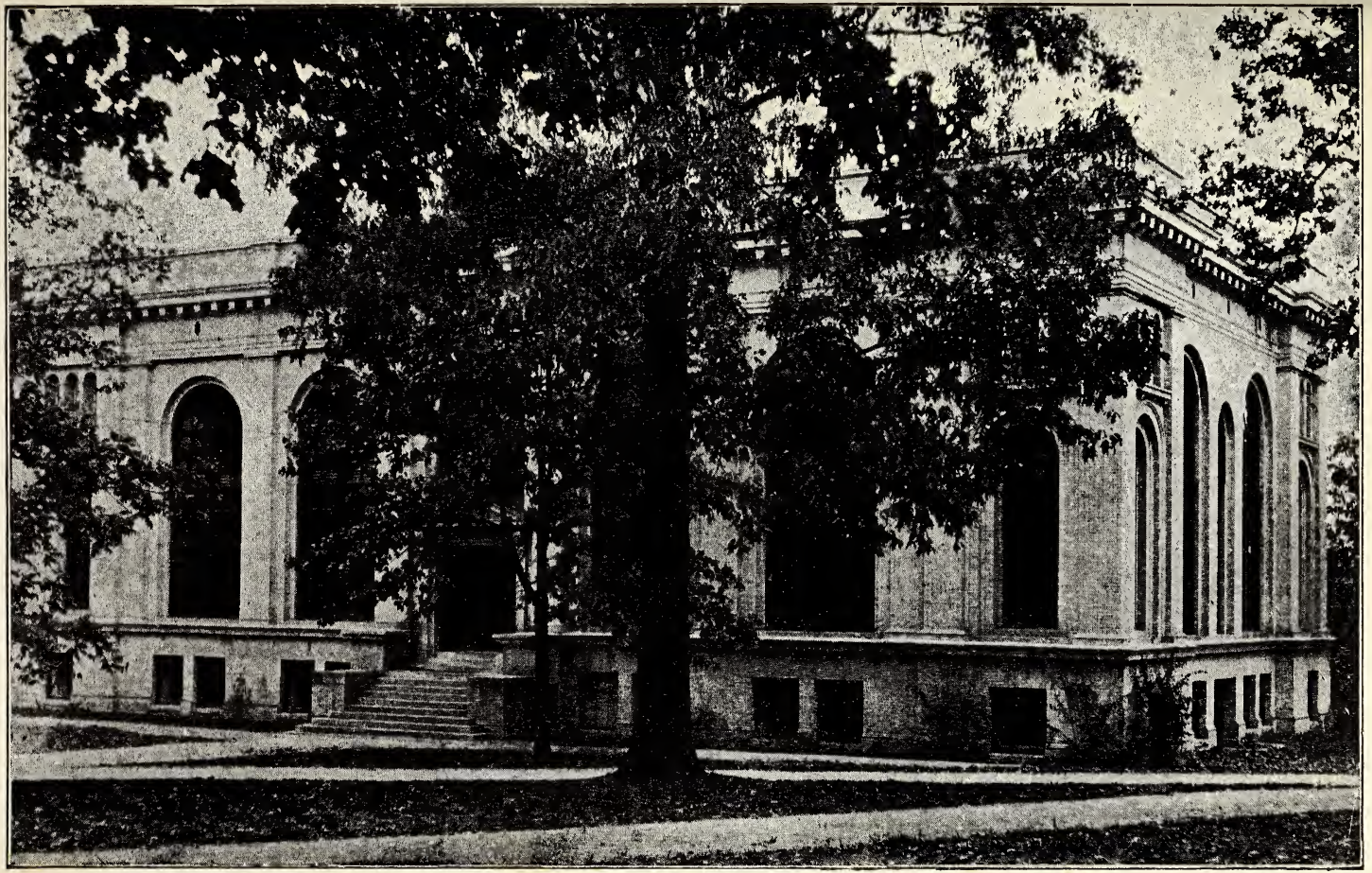
Did you attend some other Summer School last year?..... If so,

why not return?.....

Regulations Concerning Women Students

All women students of the Summer School under 24 years of age, except residents of the Chapel Hill community who live at home, are required to live in the University dormitories.

Wherever women students of the Summer School reside they are under the supervision of the Adviser to Women and are expected to conform to the general regulations prescribed for women students.



Pharmacy Building